

GRANT COUNTY

IFC&WRC BM GRA 20, 1960

In Grant County, Somerset Quad., in the NE $\frac{1}{4}$ of Sec. 6, T. 25 N., R. 7 E., 2nd P.M.; about 3.0 miles southeast of Mount Vernon; 2.63 miles east along the Wabash-Grant County Line Road from its intersection with State Road 13 to a "T"-road northwest-southeast (Frances Slocum Trail), thence 0.16 mile southeast to a "T"-road northeast, thence 0.17 mile northeast to a "T"-road north and a 4-foot box culvert under the road southwest; set in the top of and at the southwest end of the northwest concrete headwall of the culvert, 52 feet southwest of the center of the junction, 13 feet northwest of the centerline of the road, 1.0 foot below the road, 0.6 foot northeast of the southwest end of the headwall; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "GRA 20 1960".
798.708 feet NGVD 1929

IFC&WRC TBM MS 124

In Grant County, Somerset Quad., in the NW $\frac{1}{4}$ of Sec. 5, T. 25 N., R. 7 E., 2nd P.M.; about 3.2 miles southeast of Mount Vernon; about 0.5 mile east along the Wabash/Grant County Line Road from its intersection with 100 East Road to a five-foot box culvert under the road; set in the top of and at the center of the south headwall of the culvert, 11.5 feet south of the centerline of the road, 4.2 feet east of the west end of the south headwall, 2.1 feet above the road; a chiseled triangle.
790.111 feet NGVD 1929

IFC&WRC TBM MS 125, 1961

In Grant County, Somerset Quad., in the NE $\frac{1}{4}$ of Sec. 5, T. 25 N., R. 7 E., 2nd P.M.; about 3.2 miles southeast of Mount Vernon; 2.63 miles east along the Wabash-Grant County Line Road from its intersection with State Road 13 to a "T"-road northwest-southeast (Frances Slocum Trail), thence 0.16 mile southeast to a "T"-road northeast, thence 1.12 miles northeast and east to a 90-degree bend in the road to the north; set in the west side of an 18-inch trunk of a twin trunked tree, 0.3 mile south of a bridge over the Mississinewa River, 0.15 mile east of a "T"-road south, 95 feet north of the extended centerline of the road east, 41 feet northeast and across the road from a telephone pole on the inside of bend in the road, 27 feet north of a telephone guy pole, 22 feet east of the centerline of the road, 1.0 foot below the road; a railroad spike driven through a brass tag, stamped "TBM 125 1961".
750.252 feet NGVD 1929

IFC&WRC TBM MS 126

In Grant County, La Fontaine Quad., in the NW $\frac{1}{4}$ of Sec. 4, T. 25 N., R. 7 E., 2nd P.M.; about 1.5 miles north of Jalapa; about 0.6 mile northwest along 380 West Road from its "T" intersection with 600 North Road to a telephone pole on the southwest side of the road; set in the northeast side of the telephone pole # GR 4/11, 135 feet southeast of the centerline of the driveway northeast to the Stratton residence, 12.5 feet southwest of the centerline of the road, 0.5 foot below the road; a railroad spike driven through an aluminum tag, stamped "TBM MS 126 1961".
766.036 feet NGVD 1929

IFC&WRC BM GRA 19, 1960

In Grant County, La Fontaine Quad., in the SW $\frac{1}{4}$ of Sec. 4, T. 25 N., R. 7 E., 2nd P.M.; about 1.0 mile north of Jalapa; at the "T" intersection of 380 West Road and 600 North Road, in the northeast quarter of the junction; set in the top of a concrete post, 22 feet northeast of the centerline of 380 West Road, 15 feet north of 600 North Road, 3 feet west of power pole # GR 430 F-25, 2 feet south of a fence line, level with the road junction, flush with the ground; a Indiana Flood Control and Water Resources Commission bench mark tablet, stamped "GRA 19 1960".
764.844 feet NGVD 1929

IFC&WRC TBM MS 127, 1961

In Grant County, La Fontaine Quad., in the NW $\frac{1}{4}$ of Sec. 9, T. 25 N., R. 7 E., 2nd P.M.; about 0.7 mile northeast of Jalapa; about 0.15 mile southeast along 380 West Road from its "T" intersection with 600 North Road to a 32-inch Oak tree; set in the northeast side of the Oak tree, 24.5 feet southwest of the centerline of 380 West Road, 0.5 foot above the road; a railroad spike driven through an aluminum tag, stamped "TBM MS 127 1961".

760.826 feet NGVD 1929

USGS BM 61 M 762 1945

In Grant County, La Fontaine Quad., in the SE $\frac{1}{4}$ of Sec. 9, T. 25 N., R. 7 E., 2nd P.M.; about 0.4 mile east of Jalapa; at the 380 West Road two-span steel truss bridge over the Mississinewa River; set in the top at the east end of the center concrete pier of the bridge, 16 feet east of the centerline of the road, 6.0 feet west of the east end of the abutment, 1.5 feet below the bridge floor; a U.S. Geological Survey bench mark tablet, stamped "61 M 762 1945".

762.472 feet NGVD 1929

USC&GS BM A 174, 1946

In Grant County, La Fontaine Quad., in the NE $\frac{1}{4}$ of Sec. 14, T. 25 N., R. 7 E., 2nd P.M.; about 2.2 miles east of Jalapa; at the "T" road intersection of State Road 15 and 500 North Road, at the Old Hendricks School Building (now Social Brethren Church); set vertically in the north face of the brick wall of the building, 2.7 feet above the ground, 2.1 feet west of the northeast corner of the building; a U.S. Coast and Geodetic Survey bench mark tablet, stamped "A 174 1946".

Recovered 7-14-86 R.N. S.Y.

828.660 feet NGVD 1929

USGS BM 60 M 781, 1945

In Grant County, Marion Quad., in the SW ¼ of Sec. 13, T. 25 N., R. 7 E., 2nd P.M.; about 2.0 miles northwest of Marion; at the State Road 15 four-span concrete arch bridge over the Mississinewa River; set in the top at the south end of the east sidewalk of the bridge, 18.5 feet east of the centerline of the road, 1.0 foot north of the south end of the bridge, 0.9 foot above the road; a U.S. Geological Survey bench mark tablet, stamped "60 M 781 1945".

781.263 feet NGVD 1929

RIVET

In Grant County, Marion Quad., in the SW ¼ of Sec. 18, T. 25 N., R. 8 E., 2nd P.M.; about 2.0 miles north of Marion; 4.0 miles northwest along the New York Central Railroad (Conrail) from the station at Marion opposite pole 128/28, at a 18-foot concrete bridge (326) over an unnamed tributary to the Wabash River; set in the top of the northeast concrete wing wall, and about 1-1/2 feet lower than the track; a rivet.

NOTE.---The origin of this benchmark is unknown.

830.379 feet NGVD 1929

USC&GS BM K 174, 1946

In Grant County, Marion Quad., in the SW ¼ of Sec. 18, T. 25 N., R. 8 E., 2nd P.M.; about 2.0 miles north of Marion; 4.0 miles northwest along the New York Central Railroad (Conrail) from the station at Marion, 9-1/2 rails southeast of a gravel-road crossing, 2 poles northwest of pole 128/30, at a 18-foot concrete bridge (326) over an unnamed tributary to the Wabash River; set in the top of the northwest end of the northeast head wall, 7 feet northeast of the northeast rail, and level with the track; a U.S. Coast and Geodetic Survey bench mark disk, stamped "K 174 1946".

831.681 feet NGVD 1929

IFC&WRC TBM MR 1, 1960

In Grant County, Marion Quad., in the SE $\frac{1}{4}$ of Sec. 24, T. 25 N., R. 7 E., 2nd P.M.; about 1.5 miles north of Marion; at the "T" road intersection of River Road and Harreld Road (350 North Road); set in the east side of power pole # GR 1691 with a transformer on the top of it, 78 feet south of the extended centerline of and Harreld Road (350 North Road), 23 feet east of the centerline of River Road, 1.1 feet above the ground; a railroad spike driven through an aluminum tag, stamped "TBM MR 1 1960".
794.203 feet NGVD 1929

USC&GS BM L 174, 1946

In Grant County, Marion Quad., in the SW $\frac{1}{4}$ of Sec. 19, T. 25 N., R. 8 E., 2nd P.M.; about 1.5 miles north of Marion; at the intersection of the New York Central Railroad (Conrail) and Harreld Road; set in the top of a concrete post, 99 feet northeast of and across the track from power pole 129/20, in the southeast angle of Harreld Road, 46 feet east of the east rail of the east track, 26 feet south of the centerline of Harreld Road, 5.5 feet south of a concrete post at a fence corner, 1.5 feet west of the fence line, and about 1 foot lower than the track, projecting 5 inches above ground; a U.S. Coast and Geodetic Survey disk, stamped "L 174 1946".
855.717 feet NGVD 1929

IFC&WRC TBM MR 2, 1960

In Grant County, Marion Quad., in the NE $\frac{1}{4}$ of Sec. 25, T. 25 N., R. 7 E., 2nd P.M.; about 1.0 mile north of Marion; about 1.35 miles generally north along River Road from its intersection with State Road 9/37 to a turn in the road, at a gravel parking area on the river side of the road, at the 2nd 90-degree bend in the river north of the State Road 9/37 bridge over the Mississinewa River, at the first turn away from the river south of Harreld Road (about 0.7 mile south of Harreld Road); set in the east side of a triple-trunked 16-inch thorn tree, 36 feet northeast of the centerline of River Road, about 20 feet south of the two 36-inch rocks which are at the northeast edge of the gravel parking area, 2.5 feet above the road, 1.1 feet above the ground; a railroad spike driven through an aluminum tag, stamped "TBM MR 2 1960".
802.085 feet NGVD 1929

IFC&WRC BM GRA 18, 1960

In Grant County, Marion Quad., in the NE $\frac{1}{4}$ of Sec. 25, T. 25 N., R. 7 E., 2nd P.M.; about 0.7 mile north of Marion; about 1.0 mile generally north along River Road from its intersection with State Road 9/37 to a 8-foot box culvert under the road; set in the top of and at the west end of the southeast wall of the culvert, 49 feet northwest of the centerline of a private drive, 14 feet southwest of the centerline of the road, 0.9 foot west of the southwest side of the southwest guardrail, level with the road; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "GRA 18 1960".

794.709 feet NGVD 1929

ISHC BM GRA G 9

In Grant County, Marion Quad., in the SE $\frac{1}{4}$ of Sec. 30, T. 25 N., R. 8 E., 2nd P.M.; at Marion; at the State Road 9/37 390-foot steel girder concrete deck bridge over the Mississinewa River; set in the top of the southeast end of the north concrete bridge seat, 17.5 feet southeast of and 5 feet below the centerline of the highway; a Indiana State Highway Commission bronze tablet, stamped "GRA G 9".

793.966 feet NGVD 1929

IFC&WRC TBM 18

In Grant County, Marion Quad., in the SE $\frac{1}{4}$ of Sec. 30, T. 25 N., R. 8 E., 2nd P.M.; at Marion; 1.9 miles northwest along the New York Central Railroad (Conrail) from the station at Marion, across the track from bench mark M 174, 7-1/2 rails southeast of the crossing of State Road 9/37, at a 40-inch pipe culvert; set on the top of the southeast end of the southwest head wall; a chiseled square.

Mark not recovered.

794.523 feet NGVD 1929

USC&GS BM M 174, 1946

In Grant County, Marion Quad., in the SE ¼ of Sec. 30, T. 25 N., R. 8 E., 2nd P.M.; at Marion; 1.9 miles northwest along the New York Central Railroad (Conrail) from the station at Marion, 7-1/2 rails southeast of the crossing of State Road 9/37, 57 feet northwest of pole 130/35, at a 40-inch pipe culvert; set in the top of the northwest end of the northeast head wall, 9.5 feet northeast of the northeast rail, and 0.5 foot lower than the track; a U.S. Coast and Geodetic Survey bench mark disk, stamped "M 174 1946."

Recovered 7-10-86

794.506 feet NGVD 1929

USC&GS BM N 174, 1946

In Grant County, Marion Quad., in the NE ¼ of Sec. 31, T. 25 N., R. 8 E., 2nd P.M.; at Marion; 1.5 miles north along the New York Central Railroad (Conrail) from the station at Marion, 1-1/2 poles north of pole 131/10, in the northeast quarter of the crossing of Bond Avenue; set in the top of a concrete post, 46 feet east of the east rail, 35 feet north of the centerline of Bond Avenue, 11 feet north of a concrete post at a fence corner, about 2 feet lower than the track, 1 foot west of the right-of-way fence, projecting 6 inches above ground; a U.S. Coast and Geodetic Survey disk, stamped "N 174 1946".

796.517 feet NGVD 1929

USGS RM

In Grant County, Marion Quad., in the NE ¼ of Sec. 31, T. 25 N., R. 8 E., 2nd P.M.; at Marion; at the Highland Avenue concrete bridge over the Mississinewa River, the most north mark at the northwest corner of the bridge; set in the top at the northwest end of the west bridge seat, 25.6 feet north of the centerline of the road, 2.2 feet southeast of the northwest end of the bridge seat, 1.7 feet below the road; a U.S. Geological Survey Gaging Station Reference Mark tablet, not stamped.

Recovered 7-9-86 RN

796.013 feet NGVD 1929

ISHC BM

In Grant County, Marion Quad., in the NE ¼ of Sec. 31, T. 25 N., R. 8 E., 2nd P.M.; at Marion; at the Highland Avenue concrete bridge over the Mississinewa River, at the northwest corner of the bridge; set in the top at the north edge of the west abutment near the west end of the north handrail of the bridge, 20.8 feet north of the centerline of the road, 1.0 foot above the road, 0.8 foot northeast of the northwest corner of the north handrail of the bridge; a Indiana State Highway Commission bench mark tablet, not stamped.

Recovered 7-9-86 RN

798.746 feet NGVD 1929

USGS RM

In Grant County, Marion Quad., in the NE ¼ of Sec. 31, T. 25 N., R. 8 E., 2nd P.M.; at Marion; at the Highland Avenue concrete bridge over the Mississinewa River, at the northeast corner of the bridge; set in the top at the northeast end of the east bridge seat, 27 feet north of the centerline of the road, 2.0 feet southwest of the northeast end of the east bridge seat, 1.8 feet below the road; a U.S. Geological Survey Gaging Station Reference Mark tablet, not stamped.

793.868 feet NGVD 1929

USGS RM

In Grant County, Marion Quad., in the NE ¼ of Sec. 31, T. 25 N., R. 8 E., 2nd P.M.; at Marion; at the Highland Avenue concrete bridge over the Mississinewa River, at the southwest corner of the bridge; set in the top at the southwest end of the centerline of the road, 1.3 feet northeast of the southwest end of the southwest wingwall, 0.9 foot above the road; a U.S. Geological Survey Gaging Station Reference Mark tablet, not stamped.

Recovered 7-8-86

798.627 feet NGVD 1929

ISHC BM

In Grant County, Marion Quad., in the NE ¼ of Sec. 31, T. 25 N., R. 8 E., 2nd P.M.; at Marion; at the Highland Avenue concrete bridge over the Mississinewa River, at the southeast corner of the bridge; set in the top at the east end of the south sidewalk of the bridge, 20.5 feet south of the centerline of the road, 0.8 foot above the road, 0.3 foot east of the east end of the south handrail of the bridge; a Indiana State Highway Commission bench mark tablet, not stamped.

796.495 feet NGVD 1929

ISHC BM GRA G 11

In Grant County, Marion Quad., in the NE ¼ of Sec. 6, T. 24 N., R. 8 E., 2nd P.M.; at Marion; at the Washington Street bridge over the Mississinewa River; set in the top at the south end of the east sidewalk, 23 feet east of the centerline of the road, 2.2 feet south of the north face of the south abutment, 0.6 foot above the road; a Indiana State Highway Commission bench mark tablet, stamped "GRA G 11".

803.375 feet NGVD 1929

ISHC BM

In Grant County, Marion Quad., in the NE ¼ of Sec. 6, T. 24 N., R. 8 E., 2nd P.M.; at Marion; at the Branson Street bridge over the Mississinewa River; set in the top at the west end of the north abutment of the bridge, 22.5 feet west of the centerline of the road, 1.2 feet east of the west end of the abutment, 0.6 foot above the road; a Indiana State Highway Commission bench mark tablet, not stamped.

801.390 feet NGVD 1929

USC&GS BM P 174, 1946

In Grant County, Marion Quad., in the NE ¼ of Sec. 6, T. 24 N., R. 8 E., 2nd P.M.; at Marion; 0.25 mile north along the New York Central Railroad (Conrail) from the station at Marion, 2 poles south of pole 132/20, at a bridge over Mississinewa River; set in the top of the southwest end of the northwest abutment, 6 feet southwest of the southwest rail, and about 1 foot lower than the track; a U.S. Coast and Geodetic Survey disk, stamped "P 174 1946".

804.332 feet NGVD 1929

USC&GS BM T 36, 1934

In Grant County, Marion Quad., in the NE $\frac{1}{4}$ of Sec. 7, T. 24 N., R. 8 E., 2nd P.M.; at Marion; at the intersection of the Pennsylvania Railroad (Conrail) and Washington Street; set in the top of a concrete post, 19.2 feet east of the southeast corner of the station, in the triangular lawn formed by the track, Washington Street and the station, 23.3 feet north of the north rail, and level with the top of the rail; a U.S. Coast and Geodetic Survey disk, stamped "T 36 1934".

815.868 feet NGVD 1929

USC&GS BM U 36, 1934

In Grant County, Marion Quad., in the NE $\frac{1}{4}$ of Sec. 7, T. 24 N., R. 8 E., 2nd P.M.; at Marion; at the intersection of the Pennsylvania Railroad (Conrail) and McClure Street, at a compensator for a switch control tower; set in the top of the west corner of the concrete base, 7 rails northwest of switch tower Kent, 179 feet northwest of the crossing of the New York, Chicago & St. Louis Railroad (Conrail), 49 feet southeast of the centerline of McClure Street, 6 feet northeast of the northeast rail, 0.6 foot lower than the rail, and level with the ground; a U.S. Coast and Geodetic Survey disk, stamped "U 36 1934".

815.671 feet NGVD 1929

USC&GS BM V 36, 1934

In Grant County, Marion Quad., in the NE $\frac{1}{4}$ of Sec. 7, T. 24 N., R. 8 E., 2nd P.M.; at Marion; in the southeast angle of the crossing of the Pennsylvania Railroad (Conrail) and the New York, Chicago & St. Louis Railroad (Conrail), at the Kent switch tower; set in the east corner of the concrete base of the switch control, 25 feet east of the east rail of the New York, Chicago & St. Louis Railroad (Conrail) track, 18 feet south of the south rail of the Pennsylvania Railroad (Conrail) track, 25.5 feet southeast of a pole, 0.4 foot lower than the rail; a U.S. Coast and Geodetic Survey disk, stamped "V 36 1934".

816.065 feet NGVD 1929

IFC&WRC BM GRA 3, 1953

In Grant County, Marion Quad., in the SE ¼ of Sec. 8, T. 24 N., R. 8 E., 2nd P.M.; at Marion; at the (old Monroe Pike) North Pennsylvania Street 325-foot two-span steel truss bridge over the Mississinewa River; set in the top of the south end of the south concrete wingwall, 22 feet southeast of the centerline of the street, 2.1 feet from the south end of the wingwall; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "GRA 3 1953".

Destroyed see ISHC BM not stamped

802.940 feet NGVD 1929

ISHC BM not stamped

In Grant County, Marion Quad., in the SE ¼ of Sec. 8, T. 24 N., R. 8 E., 2nd P.M.; at Marion; at the North Pennsylvania Street (McFreeley) bridge over the Mississinewa River; set in the top of and at the north end of the east curbing of the bridge, 17.5 feet east of the centerline of the road, 0.8 foot above the road, 0.6 foot south of the northeast end of the east sidewalk; a Indiana State Highway Commission bench mark tablet, not stamped.

Recovered 6/15/2005 RDN

812.292 feet NGVD 1929

IFC&WRC BM GRA 17

In Grant County, Marion Quad., in the SW ¼ of Sec. 9, T. 24 N., R. 8 E., 2nd P.M.; at Marion; at the southeast edge of town, 0.9 mile east along Monroe Pike from its junction with North Pennsylvania Street to a "T"-road south, thence 0.1 mile south to a 3-span concrete bridge over Lugar Creek; set in the top of and at the north end of the east curbing of the bridge, 12 feet east of the centerline of the road, 3 feet south of the north end of the east guardrail, 0.75 foot above the road; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "GRA 17 1960".

803.365 feet NGVD 1929

USC&GS BM V 185, 1946

In Grant County, Marion Quad., in the SE ¼ of Sec. 18, T. 24 N., R. 8 E., 2nd P.M.; at Marion; 1.9 miles south along the New York Central Railroad (Conrail) from the station at Marion, at the Grant County Highway Garage; set vertically in the north face of the concrete foundation of the northwest corner of the building, 2 poles south of pole 134/30, 140 feet east of the east rail of the main track, 1 foot east of the northwest corner of the building, 1.8 feet above the ground; a U.S. Coast and Geodetic Survey disk, stamped "V 185 1946".

846.448 feet NGVD 1929

IFC&WRC BM GRA 4, 1953

In Grant County, Van Buren Quad., in the NE ¼ of Sec. 21, T. 24 N., R. 8 E., 2nd P.M.; about 8.5 miles southwest of Van Buren; at the 200 South Road (38th Street) 212-foot steel girder concrete deck bridge over the Mississinewa River; set in the top of the south end of the west concrete abutment, 14.8 feet south of and 0.7 foot above the centerline of 200 South Road (38th Street); a Indiana Flood Control and Water Resources Commission bronze bench mar tablet, stamped "GRA 4 1953".

Destroyed 07-01-86 S.Y., M.J. T.J., and M.S.

812.773 feet NGVD 1929 August 1953 elevation

812.801 feet NGVD 1929 October 1961 elevation

IFC&WRC TBM GRA 2

In Grant County, Marion Quad., in the NW ¼ of Sec. 21, T. 24 N., R. 8 E., 2nd P.M.; at Marion; at the intersection of 38th Street and Pennsylvania Railroad (Conrail); set in the top of an anchor bolt in the concrete base of an abandoned signal tower, in the southeast angle of the crossing of the Pennsylvania Railroad (Conrail), 22.5 feet south of the centerline of 38th Street, 21 feet northeast of the northeast rail of the northwest bound track; a chiseled cross in a triangle.

823.455 feet NGVD 1929 August 1953 elevation

823.464 feet NGVD 1929 October 1961 elevation

USC&GS BM MARION

In Grant County, Marion Quad., in the NE ¼ of Sec. 20, T. 24 N., R. 8 E., 2nd P.M.; at Marion; at the Veterans Hospital, at the main entrance; set in the top of a concrete post, 186 feet south-southwest of the southwest corner of the guardhouse, 79 feet west of the centerline of the driveway, 46 feet east of the centerline of Lincoln Boulevard, and 15 feet east of the west fence line, projecting 4 inches above the ground; a U.S. Coast and Geodetic Survey triangulation station disk, stamped "Marion 1934". *Recovered 07-01-86 S.Y. T.J., M.S., and M.J.*

847.236 feet NGVD 1929

846.82 feet NAVD 1988 1st Order Class II

258.110 meters NAVD 1988 1st Order Class II

USC&GS BM MARION RM 1, 1934

In Grant County, Marion Quad., in the NE ¼ of Sec. 20, T. 24 N., R. 8 E., 2nd P.M.; at Marion; at the Veterans Hospital, at the west edge of the main entrance driveway to the hospital; set in the top of a concrete post, 139 feet southwest of triangulation station Marion, 117 feet east of the west fence line, 23 feet southeast of a 24-inch Maple tree, 6 feet northwest of an electric light pole, and 3 feet west of the west curb of the driveway, flush with the ground; a U.S. Coast and Geodetic Survey reference mark disk, stamped "MARION NO. 1 1934".

846.232 feet NGVD 1929

845.81 feet NAVD 1988 1st Order Class II

257.803 meters NAVD 1988 1st Order Class II

USC&GS MARION RM 2, 1934

In Grant County, Marion Quad., in the NE ¼ of Sec. 20, T. 24 N., R. 8 E., 2nd P.M.; at Marion; at the Veterans Hospital, at the west edge of the main entrance driveway to the hospital; set in the top of a concrete post, 173 feet south of triangulation station Marion, 30 feet east of the centerline of Lincoln Boulevard, 15 feet southwest of a 6-inch Maple tree, 1 foot east of the west boundary fence, and level with the street, projecting 4 inches above ground; a U.S. Coast and Geodetic Survey reference mark disk, stamped "MARION NO II 1934".

848.588 feet NGVD 1929

848.17 feet NAVD 1988 1st Order Class II

258.522 meters NAVD 1988 1st Order Class II

USC&GS MARION AZIMUTH

In Grant County, Marion Quad., in the NE ¼ of Sec. 20, T. 24 N., R. 8 E., 2nd P.M.; at Marion; at the Veterans Hospital, about 0.3 mile south along Lincoln Boulevard from its intersection with 38th Street; set in the top of a concrete post, 200 feet northwest of the northwest corner of the T.B. ward, 50 feet east of the centerline of Lincoln Boulevard, 22.5 feet east of the west boundary fence line, 2 feet north of a hedgerow, projecting 4 inches above ground; a U.S. Coast and Geodetic Survey reference mark disk, stamped "MARION AZIMUTH 1934".

844.257 feet NGVD 1929

843.84 feet NAVD 1988 1st Order Class II

257.202 meters NAVD 1988 1st Order Class II

USC&GS BM U 185, 1946

In Grant County, Marion Quad., in the NW ¼ of Sec. 20, T. 24 N., R. 8 E., 2nd P.M.; at Marion; about 0.25 mile southeast along the New York Central Railroad (Conrail) from its intersection with 38th Street; set in the top of a concrete post, 10 poles south of the crossing of 38th Street, 100 yards southeast of the south end of the Idylwyld Roller Rink, 39 feet northwest of the second pole south of pole 135/15, 47 feet west of the west rail, 1.5 feet northwest of a 6-inch wooden post at a "T"-fence corner, 1 foot west of the right-of-way fence, and 0.5 foot lower than the track, projecting 6 inches above ground; a U.S. Coast and Geodetic Survey disk, stamped "U 185 1946".

848.765 feet NGVD 1929

IFC&WRC BM GRA 5, 1953

In Grant County, Marion Quad., in the NW ¼ of Sec. 21, T. 24 N., R. 8 E., 2nd P.M.; at Marion; at the Pennsylvania Railroad (Conrail) 275-foot two-track steel girder bridge over the Mississinewa River; set in the top of the northeast end of the northwest concrete abutment, 8.2 feet northeast of the northeast rail of the northwest bound track, 1.5 feet below the rails; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "GRA 5 1953".

821.369 feet NGVD 1929 August 1953 elevation

821.388 feet NGVD 1929 October 1961 elevation

USC&GS BM T 185, 1946

In Grant County, Marion Quad., in the NW $\frac{1}{4}$ of Sec. 21, T. 24 N., R. 8 E., 2nd P.M.; about 0.5 mile south of Marion; at the intersection of the Pennsylvania Railroad (Conrail) and State Road 15; set in the top of a concrete post, 6.5 feet south of the second pole south of pole 136/20, in the southwest quarter of the crossing of State Road 15, 81 feet southwest of the centerline of State Road 15, 36 feet west of the west rail, 16.5 feet south of the south corner of a 3 by 4-foot concrete telephone box, 12 feet east of the west right-of-way fence, in line with a row of poles, level with the crossing, projecting 6 inches above ground; a U.S. Coast and Geodetic Survey disk, stamped "T 185 1946".

854.014 feet NGVD 1929

USC&GS BM X 36 RESET 1957

In Grant County, Van Buren Quad., in the NE $\frac{1}{4}$ of Sec. 28, T. 24 N., R. 8 E., 2nd P.M.; about 8.5 miles southwest of Van Buren; 1.3 miles north along the Pennsylvania Railroad (Conrail) from the station at Gas City, at bridge 153.41 over a dirt road leading to the main entrance of a large brick institution; in the southwest corner of the concrete back wall, 8.1 feet west of the west rail, about 3 feet lower than the top of the rail, 1.3 feet south of the north face of the bridge seat; a U.S. Coast and Geodetic Survey disk, stamped "X 36 RESET 1957".

832.684 feet NGVD 1929

USC&GS BM Y 36, 1934

In Grant County, Gas City Quad., in the NE $\frac{1}{4}$ of Sec. 33, T. 24 N., R. 8 E., 2nd P.M.; at Gas City; at the Pennsylvania Railroad (Conrail) station, about 0.05 mile north of Main Street; set vertically in the east face of the building, 0.7 foot south of the northeast corner, 2 feet above the ground; a U.S. Coast and Geodetic Survey disk, stamped "Y 36 1934".

853.243 feet NGVD 1929

USC&GS BM Z 36, 1934

In Grant County, Gas City Quad., in the NE $\frac{1}{4}$ of Sec. 33, T. 24 N., R. 8 E., 2nd P.M.; at Gas City; at the intersection of the Pennsylvania Railroad (Conrail) and State Road 22, in the northeast $\frac{1}{4}$ of the intersection; set in the top of a concrete post, 48 feet north of the centerline of State Road 22, 35.4 feet east of the east rail, 25.1 feet southwest of a 20-inch Maple tree, about 10 inches higher than the rail; a U.S. Coast and Geodetic Survey bronze disk, stamped "Z 36 1934".

849.739 feet NGVD 1929 **Destroyed**

USC&GS BM S 185, 1946

In Grant County, Fairmount Quad., in the NW $\frac{1}{4}$ of Sec. 33, T. 24 N., R. 8 E., 2nd P.M.; at Jonesboro; 0.6 mile generally north along the New York Central Railroad (Conrail) from the station at Jonesboro, at the first pole north of pole # 137/30, at the junction of a side leading to the Paranite Cable & Wire Company; set in the top of a concrete post, 52 feet east of the east rail of the main track, 30 feet northeast of the northeast rail of the side track, 18 feet northeast of an iron pipe with sign stating "Warning Watch Clearance", 1.8 feet north of a power transmission line pole #I 6S/6R 62 B1 11, projecting 0.2 foot above the ground, about level with tracks; a U.S. Coast and Geodetic Survey bronze disk, stamped "S 185 1946".

856.042 feet NGVD 1929

ISHC BM GRA G 14

In Grant County, Fairmount Quad., in the NW $\frac{1}{4}$ of Sec. 33, T. 24 N., R. 8 E., 2nd P.M.; at Jonesboro; at the State Road 22 150-foot one-span steel truss bridge over the Mississinewa River; set in the top of the concrete guardrail at the west end of the north truss, 14 feet north of the centerline of the bridge, 1.5 feet above the road; a Indiana State Highway Commission bronze tablet, stamped "GRA G 14".

819.312 feet NGVD 1929 June 1954 elevation

819.380 feet NGVD 1929 October 1961 elevation

Destroyed See IFC&WRC BM GRA 21, 1972

IFC&WRC BM GRA 21, 1972

In Grant County, Fairmount Quad., in the NW ¼ of Sec. 33, T. 24 N., R. 8 E., 2nd P.M.; at Jonesboro; at the State Road 22 bridge over the Mississinewa River; set in the top of the west end of the north bridge sidewalk, 30.4 feet north of the centerline of the highway, 1.9 feet east of the west end of the bridge, 0.9 feet above the level of the highway, 0.6 foot south of the south face of the north concrete guardrail; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "GRA 21 1972".

829.055 feet NGVD 1929

Destroyed 5/18/2005 LJC See IDOT BM F 66 GRA

IFC&WRC TBM MS 1, 1961

In Grant County, Fairmount Quad., in the NW ¼ of Sec. 33, T. 24 N., R. 8 E., 2nd P.M.; at Jonesboro; at the State Road 22 150 foot one-span steel truss bridge over the Mississinewa River; set in the top of the north end of the east concrete bridge abutment, 12.5 feet north of the centerline of State Road 22, 2.0 feet east of the west face of the east abutment, 1.0 foot south of north face of east abutment, 0.5 foot above the road; a chiseled triangle.

819.010 feet NGVD 1929 Destroyed 5/18/2005 LJC

IFC&WRC TBM MS 2, 1961

In Grant County, Fairmount Quad., in the SW ¼ of Sec. 33, T. 24 N., R. 8 E., 2nd P.M.; at Jonesboro; at the Friends Church in the 500 block of south Water Street; set in the top of at the southwest corner of a concrete sidewalk leading to the front entrance of the church, at point where the sidewalk joins the north-south concrete sidewalk on the east side of Water Street, 125 feet north of centerline of East 6th Street leading east, 32.5 feet west of the corner stone of the church which is on the west side of the brick church near the south face of the entrance steps, 22 feet east of the centerline of South Water Street, 6.0 feet east of the west face of the east curb of Water Street, 0.5 foot above the road; a chiseled triangle.

850.438 feet NGVD 1929 Not found 5/18/2005 LJC

USC&GS BM D 5

In Grant County, Fairmount Quad., in the NW ¼ of Sec. 4, T. 23 N., R. 8 E., 2nd P.M.; at Jonesboro; at the old public high school, at the first window south of the west entrance to school; set on the top of the south end of the bottom limestone window sill, 21.5 feet east of the east edge of a concrete sidewalk leading south to the new school building, 4.5 feet south of the south edge of the sidewalk leading to the west entrance of the old school building, 0.3 foot above the ground; a 1-inch chiseled square on west edge of sill.

859.139 feet NGVD 1929 Found 7-18-86 T.J., M.S., S.Y., and M.J.

IFC&WRC BM GRA 16, 1960

In Grant County, Gas City Quad., in the NE ¼ of Sec. 4, T. 23 N., R. 8 E., 2nd P.M.; at Jonesboro; at the East Tenth street bridge over the Mississinewa River; set in the top of the southwest stone wingwall of the bridge, 23 feet east of the centerline of the paved "T"-road south, 19.5 feet south of the centerline of Tenth Street, 10.3 feet north of south face of the southwest wingwall, 2.0 feet below Tenth Street; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "GRA 16 1960".

819.016 feet NGVD 1929 Destroyed 5/18/2005 LJC

IFC&WRC TBM MS 3, 1961

In Grant County, Gas City Quad., in the NE ¼ of Sec. 4, T. 23 N., R. 8 E., 2nd P.M.; at Jonesboro; at the East Tenth street bridge over the Mississinewa River; set in the top of the northeast stone wingwall of the bridge, 13 feet north of the centerline of the Tenth Street, 1.8 feet north of the north face of the northeast end of the steel truss, 1.5 feet below the road, 1.0 foot east of the west face of the northeast wingwall; a chiseled triangle. 818.476 feet NGVD 1929 Destroyed 5/18/2005 LJC

IFC&WRC TBM MS 4, 1961

In Grant County, Gas City Quad., in the SW $\frac{1}{4}$ of Sec. 3, T. 23 N., R. 8 E., 2nd P.M.; about 0.65 mile east-southeast of Jonesboro; 0.45 mile east along East Tenth Street from its junction with U.S. Highway 35 and south Water Street in Jonesboro to a "Y"-road intersection, (0.05 mile east of the Tenth Street bridge over Mississinewa River), thence 0.65 mile generally south and east along a winding paved road to a right angle turn east and a gravel drive leading south to two houses; set in the northeast side of a 36-inch dead Walnut tree, 46 feet east of the centerline of the gravel drive, 22 feet south of the centerline of the paved road, 19.2 feet east of a concrete fence corner post, 1.4 feet south of a woven wire fence line, 1.0 foot above ground; a railroad spike driven through an aluminum tag, stamped "TBM MS 4 1961".

860.653 feet NGVD 1929

IFC&WRC BM GRA 15, 1960

In Grant County, Gas City Quad., in the SE $\frac{1}{4}$ of Sec. 3, T. 23 N., R. 8 E., 2nd P.M.; about 1.0 mile east-southeast of Jonesboro; 0.45 mile east along east Tenth Street from its junction with U.S. Highway 35 and South Water Street in Jonesboro to a "Y"-road intersection, thence 1.0 mile generally south and east along a winding paved road to a right-angle turn east and a rose colored house on the southwest side of the curve; set in the top of a concrete post, 48.5 feet north of the centerline east, 21.5 feet east of the centerline north, 6.0 feet north of a concrete fence corner post, 1.0 foot west of a woven wire fence corner post, level with the ground; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "GRA 15 1960".

863.197 feet NGVD 1929

IFC&WRC TBM MS 5, 1961

In Grant County, Gas City Quad., in the SE $\frac{1}{4}$ of Sec. 3, T. 23 N., R. 8 E., 2nd P.M.; about 1.0 mile east-southeast of Jonesboro; 0.45 mile east along east Tenth Street from its junction with U.S. Highway 35 and south Water Street in Jonesboro to a "Y"-road intersection, thence 1.0 mile generally south and east along a winding paved road to a right-angle turn east, thence 0.2 mile east to a field entrance north and a driveway south to an abandoned house on the south side of the road with a concrete fence corner post on both sides of both drives; set in the top of the concrete fence corner post in the northwest $\frac{1}{4}$ of the junction of the field entrance with the paved road, 20 feet north of the centerline of the paved road, 6.5 feet west of the centerline of the field entrance, 4.5 feet above the ground; a chiseled triangle.

866.578 feet NGVD 1929

USC&GS BM A 37, 1934

In Grant County, Gas City Quad., in the SW $\frac{1}{4}$ of Sec. 2, T. 23 N., R. 8 E., 2nd P.M.; about 0.7 mile southeast of Gas City; 1.7 miles southeast along the Pennsylvania Railroad (Conrail) from its station at Gas City to the crossing of a north-south gravel road, in the southeast quarter of the crossing; set in the top of a concrete post, 24.4 feet south of the south rail of the tracks, 21 feet east of the centerline of the north-south road, 11.3 feet northeast of a fence corner post, about 2.0 feet below top of rails, 0.3 foot below the ground; a U.S. Coast and Geodetic Survey bronze disk, stamped "A 37 1934".

864.021 feet NGVD 1929

USC&GS BM B 37, 1934

In Grant County, Gas City Quad., in the NE $\frac{1}{4}$ of Sec. 1, T. 23 N., R. 8 E., 2nd P.M.; about 2.0 miles east-southeast of Gas City; at the Pennsylvania Railroad (Conrail) bridge #148.41 over a gravel 600 East Road; set in the northwest corner of the concrete back wall, 11.5 feet north of the north rail, about 5 feet lower than the top of the rails; a U.S. Coast and Geodetic Survey bronze disk, stamped "B 37 1934".

873.348 feet NGVD 1929

IFC&WRC TBM MS 6, 1961

In Grant County, Gas City Quad., in the SW $\frac{1}{4}$ of Sec. 2, T. 23 N., R. 8 E., 2nd P.M.; about 1.5 miles east-southeast of Jonesboro; about 0.95 mile west along 600 South Road from its intersection with 500 East Road, 250 feet east of a turn in the road; set in the southeast side of a 24-inch Walnut tree, 17 feet north of the centerline of 600 South Road, 2.0 feet above the road, 1.3 feet north of an east-west fence line; a railroad spike driven through an aluminum tag, stamped "TBM MS 6 1961".

867.903 feet NGVD 1929

IFC&WRC BM GRA 14 RESET 1961

In Grant County, Gas City Quad., in the SE $\frac{1}{4}$ of Sec. 2, T. 23 N., R. 8 E., 2nd P.M.; about 2.0 miles east-southeast of Jonesboro; at the 600 South Road 10-foot concrete arch culvert over Octain Creek; set in the top of the east end of the north concrete headwall, 10.5 feet north of the centerline of the road, 1.1 feet above the road, 0.4 foot west of the east face of the north headwall; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "GRA 14 1960 RESET 1961".

849.476 feet NGVD 1929

IFC&WRC TBM MS 8, 1961

In Grant County, Gas City Quad., in the NE $\frac{1}{4}$ of Sec. 11, T. 23 N., R. 8 E., 2nd P.M.; about 2.0 miles east-southeast of Jonesboro; at the 600 South Road 10-foot concrete arch culvert over Octain Creek; set in the northwest side of the northern most trunk of a double trunked 50-inch Walnut tree, 45 feet east of the east end of the culvert, 34 feet south of the centerline of 600 South Road, 17.6 feet south of an east-west fence line, 1.6 feet above the ground; a railroad spike driven through an aluminum tag, stamped "TBM MS 8 1961".

849.327 feet NGVD 1929

USGS TBM UE 870/1

In Grant County, Gas City Quad., in the NE $\frac{1}{4}$ of Sec. 11, T. 23 N., R. 8 E., 2nd P.M.; about 2.1 miles southeast of Gas City; at the intersection of 600 South Road and 500 East Road, in the southwest one-quarter of the intersection; set in the center of the top of a one-foot square concrete fence corner post, 18.5 feet west of the centerline of the 500 East Road, 18 feet south of the centerline of 600 South Road, 4.5 feet above the ground; a chiseled square.

870.303 feet NGVD 1929

IFC&WRC TBM MS 9, 1961

In Grant County, Gas City Quad., in the SE $\frac{1}{4}$ of Sec. 11, T. 23 N., R. 8 E., 2nd P.M.; about 2.9 miles southeast of Gas City; about 0.7 mile south along 500 East Road from its intersection with 600 South Road to a east-west gravel crossroad, (0.05 mile north of the 500 East Road bridge over the Mississinewa River); set in the top of the west end of the north concrete headwall of a 2-foot pipe culvert under the road west, 42 feet west of the centerline of 500 East Road, 24 feet north of the centerline of the road west, about 8.0 feet below 500 East Road, 0.2 foot east of the west face of the culvert; a chiseled triangle.

838.385 feet NGVD 1929

IFC&WRC BM GRA 6, 1954

In Grant County, Gas City Quad., in the SW $\frac{1}{4}$ of Sec. 12, T. 23 N., R. 8 E., 2nd P.M.; about 2.9 miles southeast of Gas City; at the 500 East Road 200-foot two-span steel truss bridge over the Mississinewa River; set in the top of the northeast wingwall, 18 feet northeast of the northeast bridge seat, about 1 foot below the road; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "GRA 6 1954".

826.871 feet NGVD 1929 Destroyed see ISHC BM Not Stamped

ISHC BM not stamped

In Grant County, Gas City Quad., in the SW $\frac{1}{4}$ of Sec. 12, T. 23 N., R. 8 E., 2nd P.M.; about 2.9 miles southeast of Gas City; at the 500 East Road multi-span concrete arch bridge over the Mississinewa River; set in the top of the north end of the east concrete guardrail, 12.5 feet east of the centerline of 500 East Road, 3.9 feet above the road, 1.7 feet south of the north face of the east guardrail, 0.5 foot east of the west face of the east guardrail; a Indiana State Highway Commission bronze bench mark tablet, "Not Stamped".

842.119 feet NGVD 1929 Recovered 5/18/2005 LJC

IFC&WRC TBM MS 11, 1961

In Grant County, Gas City Quad., in the NW $\frac{1}{4}$ of Sec. 13, T. 23 N., R. 8 E., 2nd P.M.; about 3.7 miles southeast of Jonesboro; about 0.3 mile southeast along old U.S. 35/State Road 21 from its intersection with 500 East Road to the Oakwood Texaco Station on old U.S. 35/State Road 21, in the east one-quarter of the junction of the highway with a paved "T"-road leading northeast; set in the top of the north corner of the concrete base for gas pumps, 52 feet southeast of the centerline of the "T"-road, 38 feet northeast of the centerline of old U.S. 35/State Road 21, 24.5 feet west-southwest of the west corner of the station, 4.3 feet north-west of the northwest face of a red (Fire Chief) gas pump, 0.4 foot southeast of the northwest edge of the concrete base; a chiseled triangle. 869.017 feet NGVD 1929

IFC&WRC BM GRA 13, 1960

In Grant County, Gas City Quad., in the NW $\frac{1}{4}$ of Sec. 13, T. 23 N., R. 8 E., 2nd P.M.; about 3.9 miles southeast of Jonesboro; about 0.3 mile southeast along old U.S. 35/State Road 21 from its intersection with 500 East Road to the Oakwood Texaco Station on old U.S. 35/State Road 21, in the east one-quarter of junction of highway with a paved T-road leading northeast, thence 0.5 mile generally north and east along a winding paved road to a right angle turn east (700 South Road) and an imitation stone house on the north side of the road; set in the top of a concrete post, 59 feet south-southwest of a 2.5 foot square stone pillar at the entrance of the driveway to the house and 6.5 feet high, 34.5 feet west of the centerline of the road, 12.5 feet north of a telephone pole, 2.0 feet east of a fence line, projecting 0.1 foot above ground; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "GRA 13 1960".
868.659 feet NGVD 1929

IFC&WRC TBM MS 12, 1961

In Grant County, Gas City Quad., in the NE $\frac{1}{4}$ of Sec. 13, T. 23 N., R. 8 E., 2nd P.M.; about 3.9 miles southeast of Jonesboro; about 0.3 mile southeast along old U.S. 35/State Road 21 from its intersection with 500 East Road to the Oakwood Texaco Station on old U.S. 35/State Road 21, in the east one-quarter of junction of highway with a paved "T"-road leading northeast, thence 0.5 mile generally north and east along a winding paved road to a right angle turn east (700 South Road); set in the northwest side of a 24-inch Oak tree, 51 feet east of the centerline of the road south, 30 feet south of the centerline of 700 South Road, 23 feet south of and across the road from a telephone pole in the front yard of a house, 4.5 feet south of a fence line, 1.3 feet above the ground; a railroad spike driven through an aluminum tag, stamped "TBM MS 12 1961".
868.832 feet NGVD 1929

IFC&WRC TBM MS 14, 1961

In Grant County, Gas City Quad., in the NW $\frac{1}{4}$ of Sec. 18, T. 23 N., R. 9 E., 2nd P.M.; about 4.3 miles southeast of Jonesboro; about 0.3 mile southeast along old U.S. 35/State Road 21 from its intersection with 500 East Road to the Oakwood Texaco Station on old U.S. 35/State Road 21, in the east one-quarter of junction of highway with a paved "T"-road leading northeast, thence 1.15 miles north and east along a winding road to the Robert Kellelar residence, on 700 South Road about 0.35 mile west of I 69; set in the top of and in the center of a concrete fence corner post on the east side of a gravel drive to the farm buildings, 108 feet east of a house, 22 feet south of the centerline of 700 South Road, 8.5 feet east of the centerline of the drive, 3.7 feet above the ground; a chiseled triangle.
874.383 feet NGVD 1929

IFC&WRC BM GRA 12, 1961

In Grant County, Gas City Quad., in the SE $\frac{1}{4}$ of Sec. 7, T. 23 N., R. 9 E., 2nd P.M.; about 4.6 miles southeast of Jonesboro; about 0.2 mile west along 700 South Road from its "T" road intersection with 700 East Road to the 700 South Road one-span steel pony truss bridge over a small stream; set in the top of the northwest concrete wingwall of the bridge, 13 feet north of the centerline of the road, 3.0 feet north of the north end of the northwest end steel truss, 1.4 feet southeast of the northwest face of the northwest wingwall, about 1.0 foot below the road; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "GRA 12 1961".
826.537 feet NGVD 1929

IFC&WRC TBM MS 15, 1961

In Grant County, Gas City Quad., in the NE $\frac{1}{4}$ of Sec. 18, T. 23 N., R. 9 E., 2nd P.M.; about 4.6 miles southeast of Jonesboro; about 0.2 mile west along 700 South Road from its "T" road intersection with 700 East Road to the 700 South Road one-span steel pony truss bridge over a small stream; set in the top of the southeast concrete wingwall of the bridge, 14.0 feet south of the centerline of the road, 1.3 feet below the road, 0.6 foot northwest of southeast face of the southeast wingwall, 0.6 foot northeast of the southwest face of the southeast wingwall; a chiseled triangle.
826.387 feet NGVD 1929

IFC&WRC TBM MS 18, 1961

In Grant County, Gas City Quad., in the SW $\frac{1}{4}$ of Sec. 8, T. 23 N., R. 9 E., 2nd P.M.; about 4.7 miles southeast of Jonesboro; at the "T" road intersection of 700 East Road and 700 South Road; set in the top of and on the southwest corner of the most eastward one of three concrete fence corner posts on the north side of 700 South Road, 20 feet north of the centerline of 700 South Road, 15 feet east of the extended centerline of 700 East Road, 5.0 feet above the ground; a chiseled triangle.

856.331 feet NGVD 1929 Recovered 5/18/2005 LJC

IFC&WRC TBM MS 19, 1961

In Grant County, Gas City Quad., in the NE $\frac{1}{4}$ of Sec. 17, T. 23 N., R. 9 E., 2nd P.M.; about 2.2 miles southwest of Upland; at the 700 South Road 150-foot one-span steel truss bridge over the Mississinewa River; set in the north side of a 48-inch Cottonwood tree, 46 feet west of the west end of the bridge, 23.5 feet south of the centerline of the road, on an east-west fence line which is attached on the north side of the tree, 1.0 foot above the ground; a railroad spike driven through an aluminum tag, stamped "TBM MS 19 1961".

830.736 feet NGVD 1929 Destroyed 5/18/2005 LJC

IFC&WRC BM GRA 7, 1954

In Grant County, Gas City Quad., in the NE $\frac{1}{4}$ of Sec. 17, T. 23 N., R. 9 E., 2nd P.M.; about 2.2 miles southwest of Upland; at the 700 South Road 150-foot one-span steel truss bridge over the Mississinewa River; set in the top of the south end of the east bridge seat, 3.5 feet east of the stream ward face of the bridge seat, 1.5 feet below the bridge floor; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "GRA 7 1954".

835.896 feet NGVD 1929 June 1954 elevation

835.612 feet NGVD 1929 October 1961 elevation Destroyed 5/18/2005 LJC

IFC&WRC TBM MS 20, 1961

In Grant County, Gas City Quad., in the NW $\frac{1}{4}$ of Sec. 16, T. 23 N., R. 9 E., 2nd P.M.; about 2.5 miles southwest of Upland; about 0.25 mile east along 700 South Road from its "T" road intersection with 800 East Road to a "T" road south, thence 0.35 mile south to a 13-foot concrete box culvert over Cane Run; set in the top of the north end of the east concrete guardrail of the culvert, 9.0 feet east of the centerline of the road, 1.5 feet above the road, 0.3 foot south of the north end of the east guardrail; a chiseled triangle.

845.159 feet NGVD 1929 Destroyed 5/18/2005 LJC

IFC&WRC TBM MS 21, 1961

In Grant County, Gas City Quad., in the NW $\frac{1}{4}$ of Sec. 21, T. 23 N., R. 9 E., 2nd P.M.; about 2.5 miles southwest of Upland; about 0.25 mile east along 700 South Road from its "T" road intersection with 800 East Road to a "T" road south, thence 1.0 mile south to a right angle curve to the east, on the south side of the curve; set in the top of the northeast corner of a concrete base for a gas pump, 71 feet west of the west side of a house, 24 feet south of the centerline of the road east, 5.5 feet east of the extended centerline of the road north, 0.2 foot above the ground; a chiseled triangle.

866.261 feet NGVD 1929 Not found 5/18/2005 LJC

IFC&WRC BM GRA 8, 1954

In Grant County, Gas City Quad., in the NW $\frac{1}{4}$ of Sec. 21, T. 23 N., R. 9 E., 2nd P.M.; about 3.0 miles southwest of Upland; about 0.25 mile east along 700 South Road from its "T" road intersection with 800 East Road to a "T" road south, thence about 1.4 miles south to a 75-foot concrete bridge over Lake Branch; set in the top of the northwest wingwall of the bridge, 60 feet east of the east water's edge of the Mississinewa River, 10 feet west of the centerline of the gravel road, one foot west of the concrete handrail, level with the road; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "GRA 8 1954".

834.654 feet NGVD 1929 June 1954 elevation

834.413 feet NGVD 1929 October 1961 elevation Recovered 5/18/2005 LJC

IFC&WRC TBM MS 22, 1961

In Grant County, Gas City Quad., in the NW $\frac{1}{4}$ of Sec. 21, T. 23 N., R. 9 E., 2nd P.M.; about 3.0 miles southwest of Upland; about 0.25 mile east along 700 South Road from its "T" road intersection with 800 East Road to a "T" road south, thence about 1.4 miles south to a 75-foot concrete bridge over Lake Branch; set in the top of the southeast concrete wingwall of the bridge, 10.5 feet south of the centerline of the road, 1.0 foot east of the west face of the wingwall, 0.8 foot east of the south face of the south concrete guardrail, about level with the road; a chiseled triangle.

834.431 feet NGVD 1929

IFC&WRC TBM MS 23, 1961

In Grant County, Hartford City West Quad., in the NW $\frac{1}{4}$ of Sec. 22, T. 23 N., R. 9 E., 2nd P.M.; about 2.8 miles south of Upland; 2.8 miles generally south along State Road 26 (old State Road 221) from the State Road 26 (old State Road 221) overpass over the Pennsylvania Railroad (Conrail) in Upland to a gravel "T"-road west, thence 0.3 mile generally west; set in the west side of a 6" by 6" wooden fence post on an east-west fence line, 16 feet south of the centerline of the road, 13.5 feet west of a fence line, 11 feet west of a round wooden fence corner post, 1.0 foot above the ground; a boat spike driven through an aluminum tag, stamped "TBM MS 23 1961".

907.731 feet NGVD 1929

IFC&WRC TBM MS 24, 1961

In Grant County, Gas City Quad., in the NE $\frac{1}{4}$ of Sec. 28, T. 23 N., R. 9 E., 2nd P.M.; about 2.0 miles north of Matthews; at the State Road 26 three-span 250-foot steel truss bridge over the Mississinewa River (2-steel truss and 1-pony truss spans); set in the top of the northeast end of a 12-foot concrete wingwall of the bridge, 27 feet south of the centerline of the highway, 9.5 feet west of the west end of the bridge floor, 2.5 feet below the road, 1.6 feet southwest of the southwest face of southwest wingwall; a chiseled triangle.

844.082 feet NGVD 1929 Destroyed 5-8-86 RN, SY

IFC&WRC BM GRA 9, 1954

In Grant County, Gas City Quad., in the NE $\frac{1}{4}$ of Sec. 28, T. 23 N., R. 9 E., 2nd P.M.; about 2.0 miles north of Matthews; at the State Road 26 three-span 250-foot steel truss bridge over the Mississinewa River (2-steel truss and 1-pony truss spans); set in the top of the southeast end of the southeast wingwall, 15 feet southeast of the southeast bridge seat of the east span, 20 feet south of the centerline of the highway, about one foot below the bridge floor; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "GRA 9 1954".

844.916 feet NGVD 1929 June 1954 elevation

844.887 feet NGVD 1929 October 1961 elevation

DESTROYED 5-8-86 RN, SY See SHCOI bm GRA G 37

USC&GS BM V 216, 1947

In Grant County, Hartford City West Quad., in the SE $\frac{1}{4}$ of Sec. 22, T. 23 N., R. 9 E., about 2.4 miles north of Matthews; at the intersection of State Road 26 leading west and a gravel 900 South Road to the east; set in the top of a concrete post, 40 feet east of the centerline of State Road 26 (old State Road 221), 22.5 feet north of the centerline of the gravel 900 South Road, 1.5 feet west of a fence corner, 2 feet south of a white wooden witness post, 1.5 feet above the highway; a U.S. Coast and Geodetic Survey bronze tablet, stamped "V 216 1947".

Recovered 5-8-86 Disk broken off except about $\frac{1}{4}$ of it. Conc. Solid RN, SY

901.730 feet NGVD 1929

USC&GS BM T 216, 1947

In Grant County, Hartford City West Quad., in the NE $\frac{1}{4}$ of Sec. 15, T. 23 N., R. 9 E., about 1.0 mile south of Upland; at the intersection of State Road 26 and State Road 22 (old State Road 221) and a gravel road to the west (700 South Road); set in the top of a concrete post, 40 feet west of the centerline of State Road 26, 30.5 feet south of the centerline of the gravel road to the west (700 South Road), 29 feet north of a telephone pole, 10 feet south of a fence corner, 2.0 feet north of a white wooden witness post, 1.5 feet east of the fence line, about level with the highway; a U.S. Coast and Geodetic Survey bronze tablet, stamped "T 216 1947".

893.053 feet NGVD 1929

IFC&WRC TBM MS 25, 1961

In Grant County, Hartford City West Quad., in the SE $\frac{1}{4}$ of Sec. 27, T. 23 N., R. 9 E., about 1.65 miles north of Matthews; 1.25 miles north along old State Road 221 from the old State Road 221 bridge over the Mississinewa River just north of Matthews to a 10-foot box culvert under the highway; set in the top of the south end of the east concrete headwall, 23 feet east of the centerline of the highway, 1.5 feet north of the south face of the east headwall, about 1.0 foot below the centerline of the highway, 0.3 foot above the ground; a chiseled triangle.

866.248 feet NGVD 1929

IFC&WRC TBM MS 26, 1961

In Grant County, Hartford City West Quad., in the SW $\frac{1}{4}$ of Sec. 27, T. 23 N., R. 9 E., about 1.5 miles north of Matthews; about 1.0 mile north along old State Road 221 from the old State Road 221 bridge over the Mississinewa River just north of Matthews to a paved "T"-road east 1000 South Road and a gravel drive west leading to a farm house, thence 0.15 mile west to a field entrance north; set in the south side of a power pole, about 150 feet east of a white rail fence around the house, 11.5 feet north of the centerline of the gravel drive, 11.5 feet east of the centerline of the field entrance, 2.0 feet south of a fence line, 0.8 foot above the ground; a boat spike driven through an aluminum tag, stamped "TBM MS 26 1961".

874.047 feet NGVD 1929

USC&GS BM W 216, 1947

In Grant County, Hartford City West Quad., in the SW $\frac{1}{4}$ of Sec. 27, T. 23 N., R. 9 E., about 1.5 miles north of Matthews; about 1.0 mile north along old State Road 221 from the old State Road 221 bridge over the Mississinewa River to a paved "T"-road east 1000 South Road and a gravel drive west to a farm house, in southwest one-quarter of junction; set in the top of a concrete post, 38 feet west of the centerline of old State Road 221, 26.0 feet south of the centerline of the gravel drive, 9.5 feet southwest of the south end of a "L" shaped concrete headwall of a 1-foot pipe culvert under the gravel drive, projecting 0.1 foot above the ground; a U.S. Coast and Geodetic Survey bronze disk, stamped "W 216 1947".

876.068 feet NGVD 1929

IFC&WRC TBM MS 27, 1961

In Grant County, Hartford City West Quad., in the SW $\frac{1}{4}$ of Sec. 34, T. 23 N., R. 9 E., about 0.95 mile north of Matthews; 0.5 mile north along old State Road 221 from the old State Road 221 bridge over the Mississinewa River just north of Matthews to, a 15-foot concrete box culvert under old State Road 221 and over a small ditch; set in the top of the north end of the west concrete headwall of the culvert, 238 feet north of an east-west cross road, 24 feet west of the centerline of old State Road 221, 3.6 feet south of the north face of the west headwall, about 0.2 foot below the centerline of the highway; a chiseled triangle.

863.287 feet NGVD 1929

IFC&WRC TBM MS 28, 1961

In Grant County, Hartford City West Quad., in the SW $\frac{1}{4}$ of Sec. 34, T. 23 N., R. 9 E., about 0.3 mile north of Matthews; at the old State Road 221 one-span steel truss bridge over the Mississinewa River; set in the west side of a 20-inch Elm tree, 52 feet east of the centerline of the highway, 25 feet southeast of the southeast end of the south stone wingwall of the bridge, 14 feet north of the centerline of a gravel lane east, 1.5 feet above the ground; a railroad spike driven through an aluminum tag, stamped "TBM MS 28 1961".

842.669 feet NGVD 1929

IFC&WRC BM GRA 11, 1960

In Grant County, Hartford City West Quad., in the SW $\frac{1}{4}$ of Sec. 34, T. 23 N., R. 9 E., about 0.3 mile north of Matthews; at the old State Road 221 one-span steel truss bridge over the Mississinewa River; set in the top of the east stone wingwall of the bridge, 13.5 feet east of the centerline of the road, 1.6 feet east of the west face of the east wingwall, 0.3 foot above the road; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "GRA 11 1960".

849.022 feet NGVD 1929

USC&GS BM X 216, 1947

In Grant County, Hartford City West Quad., in the NW $\frac{1}{4}$ of Sec. 3, T. 22 N., R. 9 E., about 0.1 mile north of Matthews; 0.25 mile northeast along old State Road 221 from the post office at Matthews to a 15-foot concrete box culvert under the highway; set in the top of the northeast end of the southeast concrete headwall, 23.5 feet southeast of the centerline of the highway, 1.0 foot above the highway, about 0.8 foot southwest of the northeast face of the southeast headwall, 0.4 foot above the centerline of the highway; a U.S. Coast and Geodetic Survey disk stamped "X 216 1947".
849.201 feet NGVD 1929

IFC&WRC TBM MS 29, 1961

In Grant County, Hartford City West Quad., in the NE $\frac{1}{4}$ of Sec. 3, T. 22 N., R. 9 E., at Matthews; 0.15 mile northeast along a paved road (Sixth Street) from the entrance of the city park; set in the top of the northeast end of the southeast concrete headwall of a 20-foot concrete arch culvert under the road, 9.0 feet southeast of the centerline of the road, 1.8 feet above the road, 0.6 foot southwest of the northeast face of the southeast headwall; a chiseled triangle.
860.752 feet NGVD 1929

IFC&WRC BW GRA 10, 1960

In Grant County, Hartford City West Quad., in the NE $\frac{1}{4}$ of Sec. 3, T. 22 N., R. 9 E., at Matthews; 0.45 mile generally northeast along a paved roads (Sixth Street) from the entrance to the city park to a covered bridge over the Mississinewa River; set in the top of the west stone wingwall of the bridge, 19.0 feet northwest of the centerline of the road, 1.5 feet northeast of the southwest end of the bridge, 1.0 foot below the road; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "GRA 10 1960".
848.487 feet NGVD 1929

IFC&WRC TBM MS 30, 1961

In Grant County, Hartford City West Quad., in the SE ¼ of Sec. 3, T. 22 N., R. 9 E., about 0.5 mile southeast of Matthews; about 0.1 mile west along 1200 South Road – 1300 North Road (Grant/Delaware County Line Road) from its intersection with 500 West Road; set in the northwest side of a 56-inch double trunked Elm tree, 135 feet east of the centerline of a gravel "T"-road north, 20 feet north of the centerline of 1200 South Road – 1300 North Road (Grant/Delaware County Line Road) 0.8 foot above ground; a railroad spike driven through an aluminum tag, stamped "TBM MS 30 1961".
879.917 feet NGVD 1929

IFC&WRC BM DEL 31, 1960

In Grant County, Hartford City West Quad., in the SE ¼ of Sec. 3, T. 22 N., R. 9 E., about 0.5 mile southeast of Matthews; at the intersection of 1200 South Road – 1300 North Road (Grant/Delaware County Line Road) and 500 West Road, in the southeast quarter of the bend in the road; set in the top of a concrete post, 40 feet south of the extended centerline of 1200 South Road – 1300 North Road (Grant/Delaware County Line Road), 11 feet east of the centerline of 500 West Road, 8.0 feet north of a 27-inch Oak tree, 2.0 feet west of a fence line, flush with the ground; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "DEL 31 1960".
883.156 feet NGVD 1929

IFC&WRC BM GRA 22, 1972

In Grant County, La Fontaine Quad., in the SE ¼ of Sec. 9, T. 25 N., R. 7 E., 2nd P.M.; about 0.5 mile east of Jalapa; at the 500 North Road Bridge over the Mississinewa River; set in the top of the west end of the north bridge sidewalk, 20.3 feet east of the west end of the bridge, 12.5 feet north of the centerline of the road, 0.9 foot above the level of the road; a Indiana Flood Control and Water Resources Commission brass bench mark tablet, stamped "GRA 22 1972".
786.706 feet NGVD 1929

USC&GS BM Z 173, 1946

In Grant County, La Fontaine Quad., in the SW ¼ of Sec. 10, T. 25 N., R. 7 E., 2nd P.M.; about 1.1 miles east of Jalapa; at the intersection of 500 North Road and 250 West Road; set in the top of a concrete post, 59 feet south of the centerline of the entrance to the Mrs. Gladys Graff Farm, 28 feet north of the centerline of 500 North Road, 16 feet west of a fence corner post, 1 foot west of the fence line, about 1 foot above the tar road, 0.5 foot above the ground; a U.S. Coast and Geodetic Survey brass bench mark tablet, stamped "Z 173 1946".

809.004 feet NGVD 1929 Published Elevation 246.585 meters NGVD 1929

809.320 feet NGVD 1929 (DNR Revised Elevation) 246.681 meters NGVD 1929

IFC&WRC TBM GRA 1, 1953

In Grant County, Marion Quad., in the NE ¼ of Sec. 31, T. 25 N., R. 8 E., 2nd P.M.; at Marion; at the Highland Avenue 225-foot steel truss bridge over the Mississinewa River; 23 feet south of the centerline of Highland Avenue 5.7 feet from the southwest end and 2.6 feet from the southeast edge of the wingwall; a chiseled triangle.

794.104 feet NGVD 1929

IFC&WRC BM GRA 1, 1953

In Grant County, Marion Quad., in the NE ¼ of Sec. 31, T. 25 N., R. 8 E., 2nd P.M.; at Marion; at the Thomas Mill Dam across the Mississinewa River; set in the top of a concrete foundation, 120 feet west of the centerline of Washington Street, 35 feet south of the dam, 33 feet north of the southwest corner of the mill, 11 feet west of the west side of the mill, 1.5 feet below the ground; a Indiana Flood Control and Water Resources Commission brass bench mark tablet, stamped "GRA 1 1953".

Superseded see IFC&WRC BM GRA 1 RESET 1972

785.426 feet NGVD 1929 August 1953 elevation

785.436 feet NGVD 1929 October 1961 elevation

IFC&WRC BM GRA 1 RESET 1972

In Grant County, Marion Quad., in the NE ¼ of Sec. 31, T. 25 N., R. 8 E., 2nd P.M.; at Marion; 1.15 miles north along Washington Street from the Courthouse in Marion, at the Thomas Mill Dam across the Mississinewa River; set in the top of the abandoned concrete mil race, 110 feet west of the centerline of Washington Street, 3.0 feet south of the northwest corner of the mill building, 0.5 foot west of the west face of the building, 8 feet south of the extended centerline of the dam; a Indiana Flood Control and Water Resources Commission brass bench mark tablet, stamped "GRA 1 RESET 1972".

785.191 feet NGVD 1929

ISHC BM F-5 Grant

In Grant County, Marion Quad., in the SW ¼ of Sec. 5, T. 24 N., R. 8 E., 2nd P.M.; at Marion; at the State Road 18, (Third Street) Bridge over the Mississinewa River; set in the top of the west end of the north concrete curbing, 16.3 feet north of the centerline of the highway, 15.4 feet east of the west face of the curbing, 0.8 foot above the level of the highway; a Indiana State Highway Commission brass bench mark tablet, stamped "F-5 GRANT."

809.711 feet NGVD 1929

IFC&WRC BM GRA 2, 1953

In Grant County, Marion Quad., in the SW ¼ of Sec. 5, T. 24 N., R. 8 E., 2nd P.M.; at Marion; at the State Road 18, (Third Street) 325 foot concrete arch bridge over the Mississinewa River; set in the top of the southwest wingwall, 17.0 feet south of the centerline of the highway, 5 feet south of the south edge of the south concrete guardrail; a Indiana Flood Control and Water Resources Commission brass bench mark tablet, stamped "GRA 2 RESET 1972".

Superseded see IFC&WRC BM GRA 2 RESET 1972

804.075 feet NGVD 1929 August 1953 elevation

804.011 feet NGVD 1929 October 1961 elevation

IFC&WRC BM GRA 2 RESET 1972

In Grant County, Marion Quad., in the SW ¼ of Sec. 5, T. 24 N., R. 8 E., 2nd P.M.; at Marion; at the State Road 18, (Third Street) Bridge over the Mississinewa River; set in the top of the north end of the west bridge abutment, 18.7 feet north of the centerline of the highway, 2.6 feet below the level of the road, 3.8 feet west of the east face of the abutment; a Indiana Flood Control and Water Resources Commission brass bench mark tablet, stamped "GRA 2 RESET 1972".

806.181 feet NGVD 1929

USC&GS BM H 5

In Grant County, Marion Quad., in the NE ¼ of Sec. 7, T. 24 N., R. 8 E., 2nd P.M.; at Marion; at the New York Central Railroad (Conrail) station; set in the south wall of the station, about 1.2 feet above the ground; a U.S. Coast and Geodetic Survey bench mark tablet, stamped "ELEV 805.812 FT. H 5".

805.763 feet NGVD 1929

245.597 meters NGVD 1929

ISHC BM GRA G 28

In Grant County, Gas City Quad., in the NE ¼ of Sec. 18, T. 23 N., R. 9 E., 2nd P.M.; about 3.9 miles southeast of Gas City; 3.4 miles east along State Road 22 from the City Hall in Gas City to the Interstate 69 interchange, thence south to the I-69 overpass bridge over 700 South Road; set in the top of the south end of the west guardrail base of the southbound bridge, 18 feet west of the centerline of the highway, 0.9 foot above the highway, 0.2 foot north of the south end of the guardrail; a Indiana State Highway Commission brass bench mark tablet, stamped "GRA G 28".

863.264 feet NGVD 1929

ISHC BM GRA G 29

In Grant County, Gas City Quad., in the SE ¼ of Sec. 7, T. 23 N., R. 9 E., 2nd P.M.; about 4.1 miles southeast of Gas City; at the I-69 Bridge over the Mississinewa River; set in the top of the south end of the west bridge curbing of the south-bound bridge, 1.7 feet west of the centerline of the highway, 6.8 feet north of the south end of the bridge curbing, 0.8 foot above the highway; a Indiana State Highway Commission brass bench mark tablet, stamped "GRA G 29".

846.660 feet NGVD 1929 Recovered 7-9-86 B.G., T.J. S.Y.

DNR TBM LCPD 1, 2002

In Grant County, Marion Quad., in the NW ¼ of Sec. 25, T. 25 N., R. 7 E., 2nd P. M.; about 3 miles northwest of Marion; about 1.45 miles north along State Road 15 from its intersection with State Road 9 to Childmyer Road; thence northwest on Childmyer Road about 250 feet to the first power pole west of the Childmyer Road bridge over Little Crane Pond Ditch; set in the east side of power pole # GR 27 C 165, 49 feet northwest of the northwest end of the downstream wooden guardrail where it intersects the ground, 31 feet northwest of the northwest end of the upstream wooden guardrail where it intersects the ground, 14 feet northeast of the centerline of Childmyer Road, about 1.9 feet above the ground; a railroad spike driven through an aluminum tag, stamped "IDNR TBM LCPD 1 2002".

802.04 feet NAVD 88 GPS Elevation

IDOH BM GRA G 49

In Grant County, Sweetser Quad., in the NE ¼ of Sec. 3, T. 24 N., R. 6 E., 2nd P.M.; about 0.8 mile south of Mier; at the State Road 13 bridge over Pipe Creek; set in the top of the southwest concrete abutment of the bridge, 24.3 feet west of the centerline of the road, 3.9 feet south of the north end of the abutment and the expansion joint of the bridge, 1.2 feet west of the west metal guardrail of the bridge, 1.0 foot north of the south face of the abutment, 0.6 foot west of the east face of the abutment, 0.6 foot east of the west face of the abutment, level with the top of the concrete bridge deck; a Indiana Department of Highways bench mark tablet, stamped "GRA G 49".

812.131 feet NGVD 1929 3rd Order

DNR TBM GRANTCO 1, 2004

In Grant County, Sweetser Quad., in the NW ¼ of Sec. 28, T. 25 N., R. 6 E., 2nd P.M.; about 0.5 mile north-northeast of Converse; at the 1100 East Road (Miami/Grant County Line Road) bridge over Pipe Creek; set in the top of the southeast concrete abutment of the bridge, 13.5 feet east of the centerline of the road, 9.7 feet north of the south end of the abutment, 5.7 feet above the old concrete bridge seat, 2.0 feet north of the south end of the concrete bridge deck, 1.3 feet southwest of the northeast corner of the abutment, 1.0 foot south of the north face of the abutment, 0.95 foot west of the north east of the abutment, 0.9 foot east of the metal guardrail and the east face of the concrete bridge deck, level with the top of the concrete bridge deck; a cut triangle.

801.176 feet NGVD 1929 3rd Order

DNR TBM GRANTCO 2, 2004

In Grant County, Sweetser Quad., in the SE ¼ of Sec. 28, T. 25 N., R. 6 E., 2nd P.M.; about 0.75 mile northeast of Converse; at the 900 West Road bridge over Pipe Creek; set in the top of the northwest corner of the concrete bridge deck, 10.4 feet west of the centerline of the road, 2.4 feet south of the north end of the concrete bridge deck, 2.25 feet above the north concrete bridge seat and the bottom of the concrete bridge deck, 1.9 feet southeast of the southeast corner of the north most metal "I" beam guardrail support post on the concrete bridge deck, 1.55 feet east of the west face of the concrete bridge deck, about a foot below the centerline of the asphalt road; a cut triangle.

807.794 feet NGVD 1929 3rd Order

DNR TBM GRANTCO 3, 2004

In Grant County, Sweetser Quad., in the NE ¼ of Sec. 34, T. 25 N., R. 6 E., 2nd P.M.; about 0.1 mile west of Mier; at the 165 North Road bridge over Pipe Creek; set in the top of the northeast corner of the concrete bridge deck, 11.5 feet north of the centerline of the road, 8.7 feet east of the west face of the concrete bridge seat, 6.9 feet east of a cut expansion joint in the bridge deck, 3.5 feet west of the east end of the concrete bridge deck and the west end of the asphalt road, 0.9 foot south of the north face of the concrete bridge deck; a cut triangle.

812.528 feet NGVD 1929 3rd Order

DNR TBM GRANTCO 4, 2004

In Grant County, Sweetser Quad., in the SE $\frac{1}{4}$ of Sec. 34, T. 25 N., R. 6 E., 2nd P.M.; about 0.4 mile southwest of Mier; at the State Road 18 bridge over Pipe Creek; set in the top of the southwest concrete abutment of the bridge, 23.0 feet south of the centerline of the road, 14.5 feet east of the west end of the abutment, 0.7 foot northwest of the southeast corner of the abutment, 0.6 foot west of the east edge of the abutment and the expansion joint of the bridge, 0.5 foot above the centerline of the bridge, 0.4 foot north of the south face of the abutment; a cut triangle.
812.456 feet NGVD 1929 3rd Order

DNR TBM GRANTCO 5, 2004

In Grant County, Sweetser Quad., in the NE $\frac{1}{4}$ of Sec. 3, T. 24 N., R. 6 E., 2nd P.M.; about 0.65 mile south-southwest of Mier; at the 100 North Road bridge over Pipe Creek; set in the top of the southwest corner of the concrete bridge deck, 12.4 feet south of the centerline of the bridge, 3.5 feet east of the west end of the concrete bridge deck, 1.45 feet northeast of the northeast corner of the west most metal "I" beam support post on the bridge deck for the south metal guardrail of the bridge, 0.6 foot north of the south face of the concrete bridge deck; a cut triangle.
810.036 feet NGVD 1929 3rd Order

DNR TBM GRANTCO 6, 2004

In Grant County, Sweetser Quad., in the NE $\frac{1}{4}$ of Sec. 28, T. 25 N., R. 6 E., 2nd P.M.; about 1.0 mile northeast of Converse; at the intersection of 900 West Road and 300 North Road; set in the south side of power pole # GR 23/137 with a guy wire to the south, about 275 feet west of the centerline of 900 West Road, 15.0 feet south of the centerline of 300 North Road, 2.2 feet north of the guy wire anchor, 0.8 foot above the ground, about 0.5 foot below the centerline of 300 North Road; a railroad spike driven through an aluminum tag, stamped "IDNR TBM GRANTCO 6 2004".
822.077 feet NGVD 1929 3rd Order

DNR TBM GRANTCO 7, 2004

In Grant County, Sweetser Quad., in the SW ¼ of Sec. 21, T. 25 N., R. 6 E., 2nd P.M.; about 1.0 mile north of Converse; about 0.5 mile north along 1100 East Road (Miami/Grant County Line Road) to the Rainbow Christian Camp (# 3522) and a metal manhole cover on the east side of the road; set on the north side of the manhole, 90.0 feet north of the centerline of the gravel entrance to the camp, 62.2 feet northeast of and across the road from power pole # 219/563/2146, 56.6 feet northeast of the "Whale" mailbox post (# 3522), 28.0 feet east of the centerline of the road, 10.5 feet south of a 22 inch Oak tree, 0.1 foot above the ground, about level with the centerline of the road; a cut "V".

801.897 feet NGVD 1929 3rd Order

DNR TBM GRANTCO 8, 2004

In Grant County, Sweetser Quad., in the NW ¼ of Sec. 22, T. 24 N., R. 6 E., 2nd P.M.; about 1.0 mile northwest of Swayzee; at the 200 South Road bridge over Taylor Creek; set in the top of the southeast concrete wingwall, 10.5 feet south of the centerline of the road, 3.6 feet above the concrete bridge seat, 1.0 foot southwest of the southeast corner of the south concrete guardrail of the bridge, 0.7 foot south of the south face of the south concrete guardrail, 0.3 foot northeast of the southwest face of the wingwall, about level with the road; a cut triangle.

851.349 feet NGVD 1929 3rd Order

DNR TBM GRANTCO 9, 2005

In Grant County, Gas City Quad., in the SE ¼ of Sec. 8, T. 23 N., R. 9 E., 2nd P.M.; about 4.0 miles southeast of Gas City; at the 700 South Road bridge over Mississinewa River; set in the top of the northeast corner of the west concrete bridge approach, 19.3 feet east of the west end of the concrete bridge approach, 12.0 feet north of the centerline of the road, 1.3 feet southwest of the northeast corner of the concrete bridge approach and the northwest corner of the concrete bridge deck, 1.2 feet west of the east end of the concrete bridge approach and the west end of the concrete bridge deck, 0.6 foot south of the north face of the concrete bridge approach, level with the top of the concrete bridge deck; a cut triangle.

839.956 feet NGVD 1929 3rd Order

DNR TBM MSS 1, 1988

In Grant County, Marion Quad., in the SE $\frac{1}{4}$ of Sec. 21, T. 24 N., R. 8 E., 2nd P.M.; at Marion; at the Conrail Railroad bridge over Mississinewa River; set in the top of the base of a signal box, 18.0 feet northeast of the northeast rail, 9.0 feet north of the north face of the concrete retaining wall of the bridge, 1.0 foot above the ground; a filed "+" on top of a anchor bolt.

822.909 feet NGVD 1929 3rd Order

DNR TBM MSR 7 - 070386

In Grant County, Van Buren Quad., in the SE $\frac{1}{4}$ of Sec. 16, T. 24 N., R. 8 E., 2nd P.M.; at Marion; at the 200 South Road (38th Street) bridge over Mississinewa River; set in the top of the northwest concrete wingwall of the bridge; a cut triangle.

812.771 feet NGVD 1929

DNR TBM MSS 2, 1988

In Grant County, Fairmount Quad., in the NW $\frac{1}{4}$ of Sec. 33, T. 24 N., R. 8 E., 2nd P.M.; at Jonesboro; at the US 35/State Road 22 bridge over Mississinewa River; set in the top of the southwest corner of the concrete guardrail of the bridge, 32.0 feet southwest of the centerline of the road, 1.6 feet above the sidewalk; a chiseled triangle.

830.620 feet NGVD 1929 Destroyed 5/18/2005 LJC

DNR TBM MSS 3, 1988

In Grant County, Hartford City West Quad., in the SW $\frac{1}{4}$ of Sec. 34, T. 23 N., R. 9 E., 2nd P.M.; at Matthews; at the 900 East Road bridge over Mississinewa River; set in the top of the northwest corner of the southwest concrete abutment of the bridge, 16.0 feet northwest of the centerline of the road, 11.0 feet southwest of the northeast face of the abutment, level with the road; a chiseled line forming a triangle.

852.570 feet NGVD 1929 3rd Order

DNR TBM MSS 4, 1988

In Grant County, Wheeling West Quad., in the NW $\frac{1}{4}$ of Sec. 12, T. 22 N., R. 9 E., 2nd P.M.; about 0.7 mile northeast of Wheeling; at the 375 West Road 200-foot two-span steel truss bridge over Mississinewa River; set in the side of a 36-inch Cottonwood tree, 68.0 feet east of the centerline of the road, in line with the south end of the bridge, 2.0 feet above the ground; a railroad spike driven through a aluminum tag, stamped "DNR TBM MSS 4 1988". 846.172 feet NGVD 1929 3rd Order

DNR TBM MSR 6-050786

In Grant County, Wheeling West Quad., in the NW $\frac{1}{4}$ of Sec. 12, T. 22 N., R. 9 E., 2nd P.M.; about 0.7 mile northeast of Wheeling; at the 375 West Road 200-foot two-span steel truss bridge over Mississinewa River; set in the west side of power pole # 96, 45.5 feet south of the south end of the bridge, 23 feet east of the centerline of the road, 1.5 feet above the ground; a railroad spike. 854.862 feet NGVD 1929 3rd Order

SHCOI BM GRA G 37

In Grant County, Gas City Quad., in the SE $\frac{1}{4}$ of Sec. 21, T. 23 N., R. 9 E., 2nd P.M.; about 2.0 miles north of Matthews; at the State Road 26 bridge over the Mississinewa River; set in the top of the northwest concrete abutment of the bridge, 24.0 feet north of the centerline of the road, 10.2 feet west of the east end of the abutment, 5.9 feet west of the northwest corner of the concrete bridge deck, 0.9 foot east of the west end of the abutment, 0.6 foot south of the north face of the abutment, 0.6 foot north of the south face of the abutment, about 0.2 foot below the concrete bridge deck; a State Highway Commission of Indiana Survey B.M. disk, stamped "GRA G 37". 855.135 feet NGVD 1929 3rd Order

IDOT BM F 66 GRA

In Grant County, Fairmount Quad., in the NW $\frac{1}{4}$ of Sec. 33, T. 24 N., R. 8 E., 2nd P.M.; at Jonesboro; at the U.S. 35/State Road 22 bridge over the Mississinewa River; set in the top of the west end of the north concrete guardrail of the bridge, 45.0 feet north of the centerline of the concrete median of the bridge, 4.6 feet east of the west end of the concrete guardrail, 2.8 feet above the north concrete sidewalk, 1.4 feet west of the east end of the northwest metal guardrail of the bridge, 0.35 foot south of the north face of the north concrete guardrail, 0.35 foot north of the south face of the north concrete guardrail; a Indiana Department of Transportation bench mark tablet, stamped "F 66 GRA". 831.964 feet NGVD 1929 3rd Order

SHCOI BM GRA F 32

In Grant County, Gas City Quad., in the NE $\frac{1}{4}$ of Sec. 4, T. 23 N., R. 8 E., 2nd P.M.; at Gas City; at the 10th Street bridge over the Mississinewa River; set in the top of the northwest concrete abutment of the bridge, 24.0 feet north of the centerline of the road, 1.3 feet North of the steel guardrail of the bridge, 0.8 foot west of the expansion joint of the bridge, 0.8 foot south of the north face of the abutment, about level with the road; a State Highway Commission of Indiana Survey B.M. disk, stamped "GRA F 32".

828.024 feet NGVD 1929 3rd Order

IDOT BM F 63 GRA

In Grant County, Marion Quad., in the SW $\frac{1}{4}$ of Sec. 13, T. 25 N., R. 7 E., 2nd P.M.; about 2.0 miles northwest of Marion; at the State Road 15 bridge over the Mississinewa River; set in the top of the concrete bridge deck, 36.0 feet south of the south edge of the expansion joint, 21.1 feet east of the centerline of State Road 15, 1.9 feet east of the east side of the concrete guardrail, 1.6 feet north of the south end of the bridge, 1.1 feet west of the east edge of the bridge, about level with the road; a Indiana Department of Transportation bench mark disk, stamped "F 63 GRA".

780.96 feet NGVD 1929 GPS elevation

IDOT BM F 65 GRA

In Grant County, Marion Quad., in the SE $\frac{1}{4}$ of Sec. 30, T. 25 N., R. 8 E., 2nd P.M.; at Marion; at the State Road 9/37 six-span concrete bridge over the Mississinewa River; set in the top of the east concrete abutment of the bridge, 23.0 feet southeast of the centerline of State Road 9/37, 15.2 feet southwest of the northeast end of the concrete guardrail of the bridge, 11.3 feet southwest of the southwest end of the east metal guardrail of the bridge, 7.2 feet northeast of the southwest end of the east concrete abutment of the bridge, 1.8 feet southwest of the northeast end of the east concrete abutment of the bridge, 0.7 foot southeast of the southeast face of the concrete guardrail, 0.6 foot northwest of the southeast face of the concrete abutment, level with the concrete bridge deck; a Indiana Department of Transportation bench mark disk, stamped "F 65 GRA".

798.126 feet NGVD 1929 3rd Order

DNR TBM MRBB 1, 1999

In Grant County, Marion Quad., in the NE $\frac{1}{4}$ of Sec. 6, T. 24 N., R. 8 E., 2nd P.M.; at Marion; at the Bronson Street bridge over the Mississinewa River; set in the top of the north end of the east concrete handrail of the bridge, 19.3 feet east of the centerline of Bronson Street, 10.4 feet northwest of a power pole, 3.2 feet above the sidewalk, 2.0 feet south of the north end of the concrete handrail, 0.8 foot west of the east face of the handrail; a chiseled triangle.

804.805 feet NGVD 1929 3rd Order

SHCOI BM F 25 GRA

In Grant County, Marion Quad., in the SW $\frac{1}{4}$ of Sec. 5, T. 24 N., R. 8 E., 2nd P.M.; at Marion; at the State Road west bound bridge over the Mississinewa River; set in the top of the west end of the north concrete sidewalk, 21.5 feet north of the centerline of the road, 15.0 feet east of the west end of the aluminum guardrail, 9.7 feet west of the west face of the west expansion joint of the bridge, 1.0 foot east of a notch in the sidewalk, 0.5 foot above the road, 0.3 foot south of the north face of the sidewalk; a State Highway Commission of Indiana bench mark tablet, stamped "F 25 GRA".

809.803 feet NGVD 1929 3rd Order

USCOE BM TT E 2, 1961

In Grant County, Marion Quad., in the SE $\frac{1}{4}$ of Sec. 8, T. 24 N., R. 8 E., 2nd P.M.; at Marion; at the Pennsylvania Street bridge over the Mississinewa River; set in the top of the south end of the east concrete sidewalk of the bridge, 16.8 feet east of the centerline of the road, 4.4 feet south of the south expansion joint of the bridge, 4.1 feet north of a steel fence post, 2.2 feet east of the west face of the sidewalk, about 0.7 foot above the road; a U.S. Army Corp of Engineers disk stamped "TT E 2 1961".

811.292 feet NGVD 1929 3rd Order

ISHC BM GRA F 21

In Grant County, Marion Quad., in the SE $\frac{1}{4}$ of Sec. 30, T. 25 N., R. 8 E., 2nd P.M.; at Marion; at the State Road 9/37 bridge over the Mississinewa River; set in the top of the southeast concrete abutment of the bridge, 17.2 feet southeast of the centerline of the road, 3.6 feet northeast of the southwest face of the abutment, 0.5 foot northwest of the southeast face of the abutment, 0.3 foot above the road; a Indiana State Highway Commission bench mark tablet, stamped "GRA F 21".

798.576 feet NGVD 1929 3rd Order

DNR TBM GRA 101, 1992

In Grant County, Marion Quad., in the NW $\frac{1}{4}$ of Sec. 21, T. 24 N., R. 8 E., 2nd P.M.; at Marion; at the Pennsylvania Railroad (Conrail) 275-foot two-track steel girder bridge over the Mississinewa River; set in the northwest face of a railroad tie on the top of the northwest concrete abutment of the bridge, 4.5 feet southwest of the southwest rail of the tracks, 0.6 foot below the rails, 0.5 foot above the top of the concrete abutment, 0.5 foot southwest of the northeast face of the railroad tie; a railroad spike driven through an aluminum tag, stamped "GRA 101 1992".

823.083 feet NGVD 1929 3rd Order

DNR TBM MISS 1, 1992

In Grant County, Gas City Quad., in the SE $\frac{1}{4}$ of Sec. 7, T. 23 N., R. 9 E., 2nd P.M.; about 4.1 miles southeast of Gas City; at the I-69 south bound Bridge over the Mississinewa River; set in the north side of utility pole # GR 75/296, about 700 feet south of the southwest end of the bridge, about 150 feet northwest of the northwest end of the I-69 bridge over 200 South Road, 68.5 feet west of the centerline of the south bound lanes of I-69, 65.0 feet south of a natural gas pipeline marker, 1.5 feet west of a fence line, 1.0 foot above the ground; a railroad spike driven through an aluminum tag, stamped "MISS 1 1992".

864.98 feet NGVD 1929 3rd Order

DNR TBM MISS 2, 1992

In Grant County, Gas City Quad., in the SE $\frac{1}{4}$ of Sec. 7, T. 23 N., R. 9 E., 2nd P.M.; about 4.1 miles southeast of Gas City; at the Mar Brook Campground, at the I-69 north bound Bridge over the Mississinewa River; set in the west side of utility pole # GR 75/394, about 500 feet north of the northeast end of the bridge, about 100 feet east of the centerline of the north bound lanes of I-69, 32.0 feet east of the centerline of a gravel campground road, 14.2 feet south of the centerline of a gravel campground road, 1.8 feet above the ground; a railroad spike driven through an aluminum tag, stamped "MISS 2 1992".

827.88 feet NGVD 1929 3rd Order

DNR TBM BACK 1 2006

In Madison County, Fairmount Quad., set in the NE $\frac{1}{4}$ of section 7, T. 22 N., R. 8 E., 2nd P. M. About 2.5 miles south of Fairmount, IN. Set in the SE corner of the 1200 South Road (Grant—Madison County Line Road) bridge over Back Creek. 12.3 feet south of the centerline of 1200 South Road, 0.4 foot south of the south face of the wood curb, 0.95 foot north of the south end of the wood abutment, 0.9 foot below the top of the wood curb. A filed "X" on top of an anchor bolt.

868.25 feet NGVD 1929 Corpscov GPS Elevation 867.79 feet NAVD 1988

DNR TBM BACK 2 2006

In Grant County, Fairmount Quad., set in the NE $\frac{1}{4}$ of section 6, T. 22 N., R. 8 E., 2nd P. M. About 1.7 miles south of Fairmount, IN. Set in the SE corner of the 1125 South Road bridge over Back Creek. 13 feet south of the centerline of the road, 1.1 feet north of the south end of the wood abutment, 0.9 foot below the top of the wood curb, 0.3 feet south of the south face of the wood curb, A filed "X" on top of an anchor bolt.

867.76 feet NGVD 1929 Corpscov GPS Elevation 867.30 feet NAVD 1988

DNR TBM BACK 3 2006

In Grant County, Fairmount Quad., set in the SE $\frac{1}{4}$ of section 31, T. 23 N., R. 8 E., 2nd P. M. About 1.3 miles south of Fairmount, IN. Set in the South end of the 1080 South Road (Farm Lane) 8.5 feet diameter CMP over Back Creek. 13 feet south of the centerline of the farm lane, 20.5 feet northeast of a P. K. nail in a fence post, A filed "X" on top of a rivet.

863.355 feet NGVD 1929 Corpscov GPS Elevation 862.895 feet NAVD 1988

DNR TBM BACK 4 2006

In Grant County, Fairmount Quad., set in the SE $\frac{1}{4}$ of section 31, T. 23 N., R. 8 E., 2nd P. M. About 1 miles south of Fairmount, IN. Set at the 1050 South Road bridge over Back Creek. Set on the east end of the south concrete guardrail of the bridge. 13 feet south of the centerline of the road, 0.9 foot west of the east end of the concrete guardrail, 0.4 foot north of the south face of the guardrail, about 2.8 feet above the bridge deck. A chiseled triangle.

869.36 feet NGVD 1929 Corpscov GPS Elevation 868.90 feet NAVD 1988

IDOH BM GRA G2

In Grant County, Fairmount Quad., set in the SE $\frac{1}{4}$ of section 31, T. 23 N., R. 8 E., 2nd P. M. About 1 miles south of Fairmount, IN. Set at the 1050 South Road bridge over Back Creek. Set in the west end of the northwest concrete abutment of the bridge. 15.5 feet north of the centerline of the road, 1.1 feet east of the west end of the concrete abutment, about level with the road. An Indiana Department of Highways BM tablet stamped "GRA G2"

866.505 feet NGVD 1929 Corpscov GPS Elevation 866.045 feet NAVD 1988

DNR TBM BACK 8 2006

In Grant County, Fairmount Quad., set in the NW $\frac{1}{4}$ of section 29, T. 23 N., R. 8 E., 2nd P. M. Set in Fairmount, IN. Set at the West Washington Street (950 South) bridge over Back Creek. Set in top of the northeast concrete wingwall of the bridge, 20 feet north of the centerline of the road, 0.5 foot east of the west face of the concrete wingwall of the bridge, 5.1 feet north of the edge of the curb, 0.6 foot above the street. A cut triangle.

860.06 feet NGVD 1929 Corpscov GPS Elevation 859.605 feet NAVD 1988

DNR TBM BACK 5 2006

In Grant County, Fairmount Quad., set in the NW $\frac{1}{4}$ of section 29, T. 23 N., R. 8 E., 2nd P. M. Set in Fairmount, IN. Set at the 1st Street bridge over Back Creek. Set on top of the west end of the north concrete guardrail. 14 feet north of the centerline of the 1st Street, 10.5 feet west of the center of a gap in the concrete guardrail, 0.4 foot south of the north face of the guardrail, about 1.9 feet above the road. A chiseled Cross.

859.86 feet NGVD 1929 Corpscov GPS Elevation 859.40 feet NAVD 1988

DNR TBM BACK 7 2006

In Grant County, Fairmount Quad., set in the NW $\frac{1}{4}$ of section 29, T. 23 N., R. 8 E., 2nd P. M. Set in Fairmount, IN. Set at the 2nd Street bridge over Back Creek. Set on top of the southeast concrete abutment. 16.5 feet south of the centerline of the 2nd Street, 6.3 feet north of the south end of the concrete abutment, 0.5 foot east of the west face of the abutment, about level with the bridge deck. A cut triangle.

858.49 feet NGVD 1929 Corpscov GPS Elevation 858.03 feet NAVD 1988

DNR TBM BACK 6 2006

In Grant County, Fairmount Quad., set in the NW ¼ of section 29, T. 23 N., R. 8 E., 2nd P. M. Set in Fairmount, IN. Set at the 3rd Street bridge over Back Creek. Set on top of the northwest concrete abutment. 13.5 feet north of the centerline of the 3rd Street, 2.0 feet south of the north face of the concrete abutment, 0.9 foot northeast of the extended centerline of expansion joint, about level with the bridge deck. A cut Triangle.

857.495 feet NGVD 1929 Corpscov GPS Elevation 857.035 feet NAVD 1988

DNR TBM BACK 9 2006

In Grant County, Fairmount Quad., set in the NW ¼ of section 29, T. 23 N., R. 8 E., 2nd P. M. Set in Fairmount, IN. Set at the 4th Street bridge over Back Creek. Set on top of the southwest corner of concrete bridge. 13 feet south of the centerline of the 4th Street, 0.5 foot east of the west edge of concrete. 0.4 foot north of the guardrail. Set on top of a bolt; A filed Cross.

857.68 feet NGVD 1929 Corpscov GPS Elevation 857.23 feet NAVD 1988

SHCOI BM GRA 0?2

In Grant County, Fairmount Quad., Set in the SW ¼ of section 20, T. 23 N., R. 8 E., 2nd P. M. Set in Fairmount, IN. Set at the S. R. 26 bridge over Back Creek. Set on the northwest concrete abutment of the bridge, 21.5 feet north of the centerline of the S. R. 26, 0.6 foot north of the north face of the concrete guardrail, 0.5 foot west of the east face of the abutment, 0.5 foot east of the west face of the abutment, about level with the road. A SHCOI BM table stamped "GRA 0?2" (very hard to read).

859.06 feet NGVD 1929 Corpscov GPS Elevation 858.61 feet NAVD 1988

DNR TBM BACK 10 2006

In Grant County, Fairmount Quad., set in the NW ¼ of section 20, T. 23 N., R. 8 E., 2nd P. M. Set about 1.5 miles north Fairmount, IN. Set at the 800 South Road bridge over Back Creek. Set on top of the south end of the west concrete bridge seat. 12 feet south of the centerline of 800 South Road, 0.7 foot south of the south face of the concrete bridge deck, 0.9 foot west of the east face of the bridge seat, 0.8 foot east of the east face of concrete abutment, about 1.6 feet below the road. 0.4 foot north of the south face of the abutment. A cut Triangle.

851.651 feet NGVD 1929 Corpscov GPS Elevation 851.205 feet NAVD 1988

DNR TBM BACK 11 2006

In Grant County, Fairmount Quad., set in the SW $\frac{1}{4}$ of section 8, T. 23 N., R. 8 E., 2nd P. M. Set about 2.5 miles north Fairmount, IN. Set at the 700 South Road bridge over Back Creek. Set on top of the northeast concrete abutment of the bridge. 12.5 feet north of the centerline of 700 South Road, 6.5 feet east of the west face of the concrete abutment, 0.6 foot west of the east face of the abutment, 0.5 foot south of the north face of the abutment, about level with the road. A cut Triangle.

849.266 feet NGVD 1929 Corpscov GPS Elevation 848.82 feet NAVD 1988

DNR TBM BACK 12 2006

In Grant County, Fairmount Quad., set in the SE $\frac{1}{4}$ of section 8, T. 23 N., R. 8 E., 2nd P. M. Set about 2.8 miles north Fairmount, IN. Set at the 150 East Road bridge over Back Creek. Set on top of the west end of the north concrete bridge seat. 15 feet west of the centerline of 150 East Road, about 2 feet below the road, 0.6 foot east of the west face of the bridge seat, 0.5 foot north of the south face of the concrete bridge seat. A cut triangle.

844.194 feet NGVD 1929 Corpscov GPS Elevation 843.748 feet NAVD 1988

DNR TBM BACK 13 2006

In Grant County, Fairmount Quad., set in the NE $\frac{1}{4}$ of section 8, T. 23 N., R. 8 E., 2nd P. M. Set about 1 miles South Jonesboro, IN. Set at the 600 South Road bridge over Back Creek. Set on top of the south end of the east concrete bridge seat. 15 feet south of the centerline of 600 South Road, about 1.7 feet below the road, 0.4 foot northeast of the southwest face of the bridge seat, 0.5 foot south of the concrete curb, 0.4 feet west of the southeast edge of the bridge seat. A cut Triangle.

837.173 feet NGVD 1929 Corpscov GPS Elevation 836.737 feet NAVD 1988

DNR TBM BACK 14 2006

In Grant County, Fairmount Quad., set in the NW $\frac{1}{4}$ of section 4, T. 23 N., R. 8 E., 2nd P. M. Set in Jonesboro, IN. Set at the 9th Street bridge over Back Creek. Set on top of the northeast concrete wingwall of the bridge. 15.0 feet north of the centerline of 9th Street, 0.5 foot northwest of the southeast face of the concrete wingwall, 16.3 feet southwest of the northwest end of the wingwall. About 0.3 foot above the road. A cut Triangle.

833.190 feet NGVD 1929 Corpscov 3rd Order 832.760 feet NAVD 1988

SHCOI BM GRA G38

In Grant County, Fairmount Quad., set in the NW ¼ of section 4, T. 23 N., R. 8 E., 2nd P. M. Set in Jonesboro, IN. Set at the 6th Street bridge over Back Creek. Set on the southeast concrete abutment of the 6th Street bridge. 21 feet south of the centerline of 6th Street, 4.8 feet west of the east end of the concrete abutment, 6.6 feet east of the west of the abutment, 0.8 foot south of the north face of the abutment, 0.5 foot north of the south face of the abutment, about 0.8 foot above the bridge deck. A SHCOI BM tablet stamped "GRA G38"

834.242 feet NGVD 1929 Corpscov

3rd Order 833.812 feet NAVD 1988

DNR TBM BACK 15 2006

In Grant County, Fairmount Quad., set in the SW ¼ of section 33, T. 24 N., R. 8 E., 2nd P. M. Set in Jonesboro, IN. Set at the Railroad bridge just north of 6th Street over Back Creek. Set on top of the southwest end of the northwest stone block bridge seat. 8.0 feet southwest of the southwest rail of the railroad tracks, 9.6 feet northeast of the southwest end of the bridge seat, 2.3 feet northwest of the southeast face of the bridge seat, 0.9 foot southeast of the southeast face of the stone abutment, about 7.3 feet below the railroad tracks. A cut Triangle.

837.448 feet NGVD 1929 Corpscov

3rd Order 837.018 feet NAVD 1988

DNR TBM BACK 16 2006

In Grant County, Fairmount Quad., set in the SW ¼ of section 33, T. 24 N., R. 8 E., 2nd P. M. Set in Jonesboro, IN. Set at the 2nd Street bridge over Back Creek. Set on top of the south end of the east concrete bridge seat. 15.5 feet south of the centerline of the road, 0.3 foot north of the south end of the bridge seat, 0.4 foot east of the west face of the bridge seat, about 2.5 feet below the road. A cut Triangle.

815.727 feet NGVD 1929 Corpscov

3rd Order 815.297 feet NAVD 1988

DNR TBM BACK 17 2006

In Grant County, Fairmount Quad., set in the SW ¼ of section 33, T. 24 N., R. 8 E., 2nd P. M. Set in Jonesboro, IN. Set at the Pearl Street bridge over Back Creek. Set in the northeast corner of the bridge in top of a steel "I" beam guardrail post. The third "I" beam post west of the east end of the north steel guardrail. 13 feet north of the centerline of Pearl Street, 26.5 feet west of east end of the guardrail, 2.4 feet above the ground. Set on top of the southeast corner of the "I" beam. Two filed Notches.

831.424 feet NGVD 1929 Corpscov

3rd Order 830.994 feet NAVD 1988

DNR TBM BACK 18 2006

In Grant County, Fairmount Quad., set in the NW $\frac{1}{4}$ of section 33, T. 24 N., R. 8 E., 2nd P. M. Set in Jonesboro, IN. Set at the S. R. 22 bridge over Back Creek. Set in top of the east end of the south concrete headwall of the concrete arch bridge. 45 feet south of the centerline of the median of S. R. 22, about 2 feet below the level of the S. R. 22, 1.8 feet west of the east end of the headwall, 1.1 feet west of SHCOI BM "F16 GRANT", 1.1 feet above the top of the southeast concrete wingwall, 0.65 foot north of the south face of the headwall, 0.5 foot south of the north face of the headwall. A cut Triangle. 823.499 feet NGVD 1929 Corpscov 3rd Order 823.069 feet NAVD 1988

SHCOI BM F16 GRANT

In Grant County, Fairmount Quad., set in the NW $\frac{1}{4}$ of section 33, T. 24 N., R. 8 E., 2nd P. M. Set in Jonesboro, IN. Set at the S. R. 22 bridge over Back Creek. Set in top of the east end of the south concrete headwall of the concrete arch bridge. 45 feet south of the centerline of the median of S. R. 22, about 2 feet below the level of the road, 0.7 feet west of the east end of the headwall, 1.1 feet east of "DNR TBM BACK 18 2006", 1.1 feet above the top of the southeast concrete wingwall, 0.65 foot north of the south face of the headwall, 0.5 foot south of the north face of the headwall. A SHCOI BM tablet stamped "F16 GRANT" 823.568 feet NGVD 1929 Corpscov 3rd Order 823.138 feet NAVD 1988

DNR TBM BACK 19 2006

In Grant County, Fairmount Quad., set in the NW $\frac{1}{4}$ of section 33, T. 24 N., R. 8 E., 2nd P. M. Set in Jonesboro, IN. Set at the S. R. 15 bridge over Back Creek. Set on top of the south end of the east concrete headwall of the concrete arch bridge over Back Creek. 26 feet east of the centerline of north bound S. R. 15, 0.7 foot east of the west face of the headwall of the bridge, 0.5 foot west of the east face of the headwall, 0.6 foot north of the south face of the headwall, about 1 foot below S. R. 15. A Cut Triangle. 822.128 feet NGVD 1929 Corpscov 3rd Order 821.698 feet NAVD 1988

DNR TBM BACK 20 2006

In Grant County, Fairmount Quad., set in the NW $\frac{1}{4}$ of section 33, T. 24 N., R. 8 E., 2nd P. M. Set in Jonesboro, IN. Set at the Cardinal Greenway Trail (abandoned railroad) bridge over Back Creek. The bridge is located east of S. R. 15 and north of S.R. 22. Set at the southeast corner of the bridge on top of the concrete apron to wooden walk/bike bridge. 15 feet northeast of the centerline of the bridge, 0.6 foot southwest of the northeast edge of the concrete apron, 0.4 foot northwest of the southeast edge of the concrete, A chiseled Triangle.

825.946 feet NGVD 1929 Corpscov

3rd Order 825.516 feet NAVD 1988

DNR TBM BLANK 1, 1999

In Grant County, Fairmount Quad., in the NE $\frac{1}{4}$ of Sec. 33, T. 24 N., R. 8 E., 2nd P.M.; about 0.6 mile north of Jonesboro; at the Lincoln Boulevard bridge over Back Creek; set in the southwest concrete bridge abutment, 16.0 feet west of the centerline of Lincoln Boulevard, 9.1 feet north of the south end of the west concrete guardrail of the bridge, 0.65 foot west of the west face of the abutment, 0.6 foot north of the south end of the abutment, 0.6 foot east of the west face of the abutment, about level with the road; a blank disk about two inches in diameter.

814.787 feet NGVD 1929 3rd Order

814.357 feet NAVD 1988 Corpscov

DNR TBM BOOTS 1 2006

In Grant County, Marion Quad., set in the SW $\frac{1}{4}$ of section 12, T. 24 N., R. 7 E., 2nd P. M. Set in Marion, IN. Set at the Geneva Road CMP for Boots Creek. Set on top of the west (upstream) end of the CMP overt. 26.5 feet west of the centerline of Geneva Road, 12.5 feet north of the north most of pipe gate posts, about 1 foot below the road. Two cut Notches.

836.03 feet NGVD 1929 Corpscov. GPS Elevation 835.62 feet NAVD 1988

DNR TBM BOOTS 2 2006

In Grant County, Marion Quad., set in the SE $\frac{1}{4}$ of section 12, T. 24 N., R. 7 E., 2nd P. M. Set in Marion, IN. About 0.3 mile west along 16th Street from the intersection of S. R. 15 and 16th Street to a private drive south @ 1601 West 16th Street ; thence south along private drive about \pm 500 feet to CMP for Boots Creek. Set on top of the east (downstream) end of the CMP overt. 10.3 feet east of the centerline of private gravel drive, about 0.5 foot below the gravel drive. Two filed Notches.

828.890 feet NGVD 1929 Corpscov. GPS Elevation 828.48 feet NAVD 1988

IDOT BM F67 GRA

In Grant County, Marion Quad., set in the SE $\frac{1}{4}$ of section 12, T. 24 N., R. 7 E., 2nd P. M. Set in Marion, IN. Set at the S. R. 9/15 bridge over Boots Creek. Set on top of the southwest concrete bridge abutment. 21 feet west of the centerline of south bound S. R. 9/15, 6.8 feet north of the south end of the southwest concrete bridge abutment, 5.7 feet south of the north end of the abutment, about level with the sidewalk. A standard IDOT BM tablet stamped "F67 GRA"

836.843 feet NGVD 1929 Corpscov. GPS Elevation 836.43 feet NAVD 1988

DNR TBM BOOTS 3 2006

In Grant County, Marion Quad., set in the SW $\frac{1}{4}$ of section 7, T. 24 N., R. 7 E., 2nd P. M. Set in Marion, IN. Set at the Valley Avenue CMP for Boots Creek. Set on top of the southeast (downstream) end of the CMP overt. 24 feet southeast of the centerline of Valley Avenue, about 2 feet below the road, Two filed Notches.

816.008 feet NGVD 1929 Corpscov. GPS Elevation 815.595 feet NAVD 1988

DNR TBM BOOTS 4 2006

In Grant County, Marion Quad., set in the NW $\frac{1}{4}$ of section 7, T. 24 N., R. 7 E., 2nd P. M. Set in Marion, IN. Set at the 14th Street bridge over Boots Creek. Set in top of the north end of the east concrete bridge base of the east concrete bridge seat. 20 feet north of the centerline of 14th street, 9.3 feet below the road, 3.7 feet south of the north end of concrete base of bridge seat, 0.8 foot west of the west face of the northeast concrete wingwall, 0.5 foot east of the west face of the concrete base of the bridge seat. A cut Triangle.

805.208 feet NGVD 1929 Corpscov.

3rd Order

804.795 feet NAVD 1988

DNR TBM BOOTS 5 2006

In Grant County, Marion Quad., set in the NW $\frac{1}{4}$ of section 7, T. 24 N., R. 7 E., 2nd P. M. Set in Marion, IN. Set at the 12th Street bridge over Boots Creek. Set in top of the east concrete bridge seat. 15 feet south of the centerline of 12th Street, 4.25 feet north of the north face of the south concrete sidewalk of the bridge, 0.3 foot east of the west face of the bridge seat, 0.3 foot west of the east face of the bridge seat, 0.9 foot south of the south metal guardrail of the bridge, about level with the bridge deck. A cut Triangle.

804.079 feet NGVD 1929 Corpscov.

3rd Order

803.666 feet NAVD 1988

DNR TBM BOOTS 6 2006

In Grant County, Marion Quad., set in the SW $\frac{1}{4}$ of section 6, T. 24 N., R. 8 E., 2nd P. M. Set in Marion, IN. Set at the 10th Street bridge over Boots Creek. Set in top of the northeast concrete wingwall of the bridge. 23 feet north of the centerline of 10th Street, 3.5 feet southwest of the northeast end of the wingwall, 1.1 feet north of the north face of the north concrete sidewalk of the bridge, 0.6 foot east of the west face of the bridge seat, 1 foot below the top of the concrete sidewalk, A cut Triangle.

801.481 feet NGVD 1929 Corpscov.

3rd Order

801.068 feet NAVD 1988

DNR TBM BOOTS 7 2006

In Grant County, Marion Quad., set in the SW $\frac{1}{4}$ of section 6, T. 24 N., R. 8 E., 2nd P. M. Set in Marion, IN. Set at the 9th Street bridge over Boots Creek. Set in top of the southeast corner of the concrete bridge deck. 16 feet south of the centerline of 9th street, 20.5 feet east of the west end of the bridge deck, 1.6 feet west of the east end of the bridge deck, 0.5 foot below the top of the south concrete curb of the bridge. A cut Triangle.

802.844 feet NGVD 1929 Corpscov.

3rd Order

802.431 feet NAVD 1988

DNR TBM BOOTS 8 2006

In Grant County, Marion Quad., set in the SE ¼ of section 6, T. 24 N., R. 8 E., 2nd P. M. Set in Marion, IN. Set at the 7th Street bridge over Boots Creek. Set in top of the old northeast concrete wingwall of the bridge. 22 feet north of the centerline of the road, 11.25 feet northwest of the northeast corner of the concrete bridge deck, 2.1 feet northeast of a break in the wingwall, 2.4 feet southwest of the northeast end of the wingwall, 4.6 feet north of the north concrete sidewalk of the bridge, 0.9 foot southeast of the northwest face of the wingwall, 0.8 foot northwest of the southeast face of the wingwall, about 0.6 foot below the top of the concrete sidewalk. A cut Triangle.
798.454 feet NGVD 1929 Corpscov. 3rd Order 798.041 feet NAVD 1988

DNR TBM BOOTS 9 2006

In Grant County, Marion Quad., set in the SE ¼ of section 6, T. 24 N., R. 8 E., 2nd P. M. Set in Marion, IN. Set at the 6th Street bridge over Boots Creek. Set in top of the northwest concrete bridge seat/channel wall. 22 feet north of the centerline of 6th Street, 17.8 feet south of the north end of the concrete wall, 1.2 feet north of the north face of the north concrete sidewalk, 0.8 foot below the top of the sidewalk, 0.5 foot southeast of the northwest of the concrete wall, 0.5 foot northwest of the southeast face of the concrete wall. A cut triangle.
798.652 feet NGVD 1929 Corpscov. 3rd Order 798.239 feet NAVD 1988

DNR TBM BOOTS 10 2006

In Grant County, Marion Quad., set in the SE ¼ of section 6, T. 24 N., R. 8 E., 2nd P. M. Set in Marion, IN. Set at the 5th Street bridge over Boots Creek. Set in top of the north end of the east concrete bridge seat. 24 feet north of the centerline of 5th Street 1.5 feet below the top of the north sidewalk, 0.7 foot north of the north face of the north concrete sidewalk, 0.5 foot east of the west face of the bridge seat, 0.5 foot south of the north end of the bridge seat. A cut Triangle.
795.537 feet NGVD 1929 Corpscov. 3rd Order 795.124 feet NAVD 1988

DNR TBM BOOTS 11 2006

In Grant County, Marion Quad., set in the SE ¼ of section 6, T. 24 N., R. 8 E., 2nd P. M. Set in Marion, IN. Set at the parking lot bridge over Boots Creek, south of the First Baptist Church and north of 5th Street. Set on top of the northeast concrete wingwall of the bridge. About ± 50 south of the south side of the First Baptist Church. 12.9 feet north of the centerline of the bridge, 1.9 feet north of the north face of the north concrete sidewalk of the bridge, 1.3 feet north of the south end of the concrete wingwall, about 3 feet below the top of the arch of the bridge, 0.4 foot southeast of the northwest face of the wingwall, 0.3 foot northwest of the southeast face of the wingwall. A cut triangle.

795.788 feet NGVD 1929 Corpscov.

3rd Order

795.375 feet NAVD 1988

IDOT BM F56 GRA

In Grant County, Marion Quad., set in the SE ¼ of section 6, T. 24 N., R. 8 E., 2nd P. M. Set in Marion, IN. Set at the 4th Street (East Bound S. R. 18) bridge over Boots Creek. Set on top of the south concrete guardrail of the bridge. 53.0 feet west of the east face of the south concrete guardrail, 31.6 foot south of the centerline of the road, 21.4 feet east of the west face of the guardrail, about 3 feet above the sidewalk. 0.5 foot north of the south face of the guardrail, 0.5 foot south of the north face of the guardrail. An IDOT BM tablet stamped "F56 GRA"

800.843 feet NGVD 1929 Corpscov.

3rd Order

800.430 feet NAVD 1988